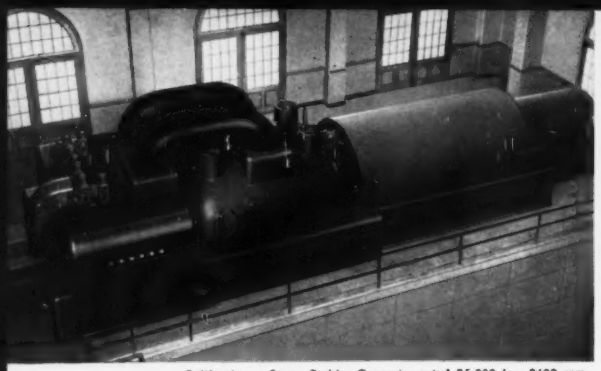
ELECTRICAL WEST Part II

April 1951
50 Cents

Manufacturers' Directory Issue

SPOKESMAN FOR THE MOST HIGHLY ELECTRIFIED REGION OF THE U. S.



California — Steam Turbine-Generator rated 35,000 kw, 3600 rpm; generator is hydrogen-cooled

New West Coast Hydro-Electric Plant has Allis-Chalmers Hydraulic Turbine-Generator rated 17,000 hp, 293' head, 16,000 kva

Top Notch Equipment Plus On-the-Spot Service

To Help Meet the Ever Increasing Power Demands of the Electrical West

BUILDING EQUIPMENT for generation and use of electric power are both No. 1 jobs at Allis-Chalmers.

Above you see a cross-section of such equipment serving the West. Behind this stands the world's widest range of *industrial* equipment . . . for crushing, cement, mining, flour, paper, chemical, petroleum . . . in fact, *every* major industry.

Equipped with the *largest* and *finest facilities* in its history, Allis-Chalmers will continue to give its Western customers ever-improving SERVICE in selection of new equipment, installation and repairs.

Where this SERVICE can be had is shown at right . . . 9 Sales and Engineering Offices supplemented by strategically located warehouses; over 60 Authorized A-C Dealers and Certified Service Shops. Call on any of these sources for prompt information, service or equipment needs or write Allis-Chalmers, Milwaukee 1, Wisconsin. A-3362

ARIZONA
Phoenix
45 W. Jefferson St.
3-2159

CALIFORNIA
Los Angeles 13
458 So. Spring St.
Madison 6-2231
San Diego 1
747 Ninth Ave.
Franklin 4684
San Francisco 7
650 Harrison St.
Douglas 2-8384

COLORADO
Denver 1
1920 Market St.
Cherry 6556

OREGON
Portland 4
920 S.W. 6th Ave.
Broadway 5515

UTAH
Salt Lake City 1
134 S. Main St.
3-1723

WASHINGTON
Seattle 1
1318 4th Ave.
Main 3797
Spokane 8
West 428 Riverside
Madison 0185

Steam Turbines built to all practical sizes in condensing, non-condensing and automatic extraction types. **Hydraulic Turbines** in Francis, propeller and impulse types. **Gas Turbines** to 10,000 hp. **Plus,** surface condensers, air ejectors, deaerating heaters, water conditioning equipment, chemicals, B6150

A-c and d-c Generators of all commercial characteristics and practical capacities . . . steam and hydraulic turbine engine, coupled, and belted types. Bulletins 6139, 6031

Transformers. Power—500 kva to largest, dry-type or liquid-filled (B6084). **Distribution** — to 500 kva, pole, vault, subway, substation and dry types (B6159 and B6821). **Load Center** — 100 to 2000 kva, indoor or outdoor, dry or liquid-filled. **Network** — 150 to 1000 kva, vault or subway types. **Instrument**—potential, current and signal, indoor or outdoor, outdoor metering, standard voltages. B7168.

Circuit Breakers. Four types: BZO-160 — 69 to 230 kv, standard ratings up to 5000 MVA. FZO-151—69 kv, standard ratings up to 5500 MVA. FZO-150 — 14.4 to 46 kv standard ratings up to 2500 MVA. O—14.4 to 23 kv, to 250,000 kva.

Switchgear Indoor and outdoor, with circuit breakers to suit application. Three types of cubicals, three types of breakers, many types of switchboards. From 15,000 kva to 3,500,000 kva I.C.

Feeder Voltage Regulators. ⅝% step type. Improve regulation on all power lines . . . . require only ⅛ exciting current of induction type. Single phase, 2.4 to 6.9 kv (B6065). Three phase, 2.5 to 69 kv (B6056). Rural regulator, 10.8 kva, 7200 v, 15 amp, (Bulletin 6424).

Unit Substations. Multi-circuit (B6935). Single Circuit and Load Center (B6285), for indoor or outdoor applications.

M-G Sets. 1 kw and larger for commercial voltages and frequencies. B6-32. **Rectifiers.** No moving parts, start instantly on load demand. Can be designed into unit substations. B6699.

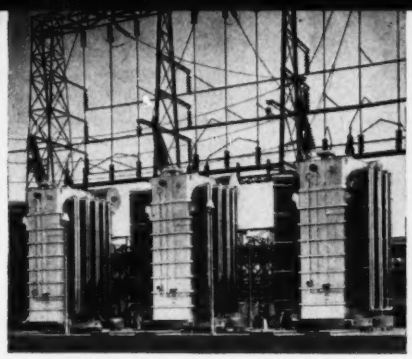
Blowers. Single stage, 1 to 6.5 lbs, 1000 to over 40,000 cfm. Multi-stage, 10 to 40 lbs G, 3000 to 130,000 cfm. **Compressors, Vacuum Pumps,** 5 to 40 lbs. vacuums to 28½" Hg.

Power Plant and General Service Centrifugal Pumps. Wide line, integral motor and coupled types from ¾ in. to 72" discharge, and up, single and double suction. Bulletin 6059.

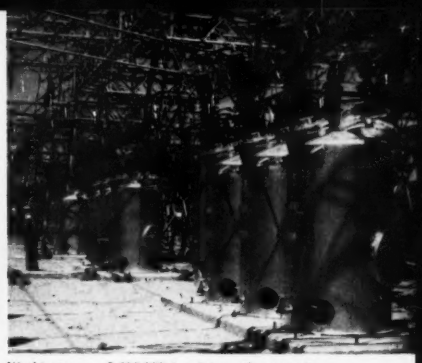
Motors — Wide line, from ½ to 25,000 hp and up; matching control.

**TEFC* means totally-enclosed, fan-cooled **ACP* (Allis-Chalmers Protected) is an Allis-Chalmers trademark

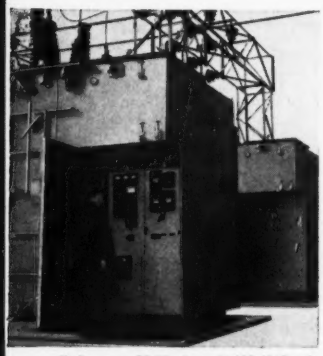
Southern California — 75,000 sq ft 2-pass Condenser and Condensate Pumps



Unusual 220 kv Power Transformers on West Coast feature load ratio control on low voltage winding. Each unit 25,000 kva

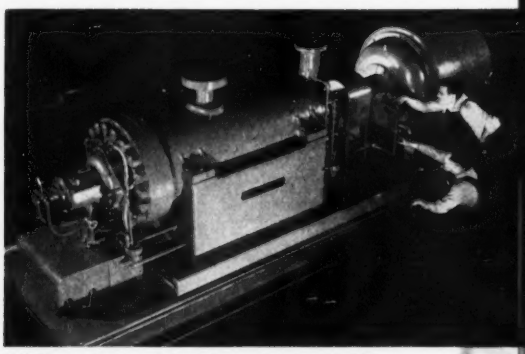


Washington — 2,500,000 kva interrupting capacity outdoor oil circuit breakers

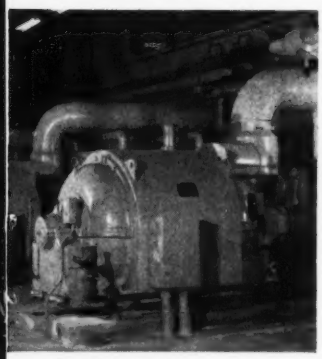


Utah — two 20 00 kva, 44,000-4160 volt, 3-phase, 60 cycle single circuit unit subs

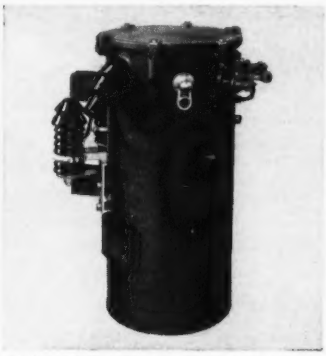
California-Oregon Power Co. improves rural voltage with new pole-type regulators



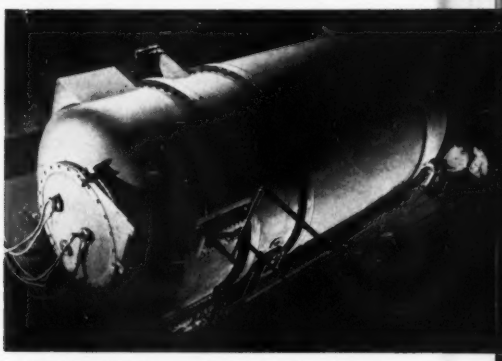
High-Pressure barrel-type boiler feed pump typical of Allis-Chalmers expanded line of power plant pumps



Two-Pole Motors, pioneered by Allis-Chalmers, provide reliable drives for power plants

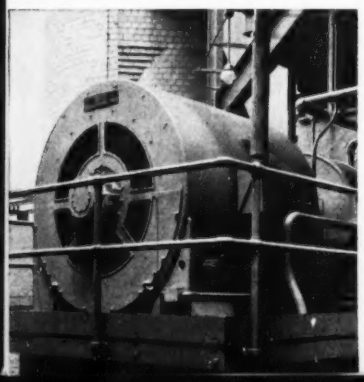


ACP® Distribution Transformers coordinate four features for complete electrical protection



For West Coast Network — new hydrogen-cooled synchronous condenser rated 42,000/17,500 kva, 13,800 volts

Tube-Type TEFC® motors are practically self-cleaning, suited to outdoor applications



A-C ALLIS-CHALMERS

ALLIS-CHALMERS

Pioneers in Power and Electrical Equipment from Generation through Utilization

DIRECTORY of MANUFACTURERS

Alphabetical listing of manufacturers of electrical equipment, showing their principal Western offices and sales representatives. ● Every manufacturer operating in this territory is privileged to be included without charge. While this Directory is as accurate and complete as the publishers could make it, ELECTRICAL WEST assumes no responsibility for errors or omissions. **PAGES 1 TO 49.**

WHERE-TO-BUY IN THE WEST—Alphabetical listing of various electrical products, showing Western sources. **PAGES 50 TO 65.**

DIRECTORY OF APPLIANCE SERVICE AND REPAIR PARTS—A listing of electrical appliance manufacturers' Western service stations and parts depots. **PAGES 66 TO 81.**

DIRECTORY OF REPRESENTATIVES—A listing by states and cities of manufacturers' representatives handling electrical lines. **PAGES 82 TO 88.**

A-B STOVES DIV., Detroit-Mich. Stove Co., 24th St., Battle Creek, Mich.—Eric F. Chemnitz, 1355 Market St., San Francisco; R. L. Baldwin (Crescent Sales Co.), 440 Seaton St., Los Angeles 23; Earl E. Eckstrom & Associates, 2601 Second Ave., Seattle.

ACCURATE MANUFACTURING CO., 44 Hepworth Place, Garfield, N. J.—F. J. Airey Co., 1513 So. Mateo St., Los Angeles; Wm. H. Gribble, 610 16th St., Oakland; Electric Agencies, 618 Second Ave., Seattle, and 1227 S.E. Holgate Blvd., Portland.

ACCURATE SPRING MFG. CO., 3811 W. Lake St., Chicago, Ill.—E. Jordan Brookes Co., 7 Front St., San Francisco; 351 So. Robertson Blvd., Beverly Hills, Calif., and 518 First Ave. So., Seattle 4.

ACME ELECTRIC CORPORATION, Cuba, New York—E. N. Hughes, 1709 West 8th St., Los Angeles; M. Platt, 3203 N.E. 12th Ave., Portland; H. George Sheffer, 240 So. First Ave., Phoenix; K. B. Schumann, 814 12th St., Denver.

ACME ELECTRIC HEATING CO., 1217 Washington St., Boston, Mass. — Braun-Knecht-Heimann Co., 1400 Sixteenth St., San Francisco.

ACME LIGHTING & MFG. CO., 3715 McKinley Ave., Los Angeles 11, Calif.—Thru jobbers.

ACME LITE PRODUCTS CO., 350 E. 182nd St., New York City—S. Flatau, 409 E. 3rd St., Los Angeles; E. Russell White, 2535 N.E. 37th Ave., Portland.

ACME STEEL CO., 2840 Archer Ave., Chicago, Ill.—Branch offices: F. Middleton, Mgr., 432 Bryant St., San Francisco; S. J. Johnson, Pacific Coast Mgr., 4903 Pacific Blvd., Los Angeles, and E. P. Naumes, Mgr., Portland and Seattle.

ACORN INSULATED WIRE CO., INC., 36 Freeman St., Pawtucket, Rhode Island—Keeler, White Co., (in following cities): 615 Seventh St., San Francisco; 436 Colyton St., Los Angeles; 322 N.W. Fourth Ave., Portland 9; 1041 Sixth Ave., South, Seattle; 204 Keith Bldg., Denver; S. 121 Madison St., Spokane.

ACRO SWITCH DIV., The Acro Mfg. Co., 2030 E. Main, Columbus, Ohio—George S. Tivy Co., 1148 So. Grand Ave., Los Angeles 15; Kierluff & Co., 820 Olympic Blvd., Los Angeles; R. H. Fisher Sales Co., 288 Seventh St., San Francisco; W. D. Brill Co., 198 10th St., Oakland; C. B. Parsons, 119 Belmont Ave. N., Seattle; H. G. Sheffer, P. O. Box 1587, Phoenix; C. P. Elliot, 3020 S. Cherry St., Denver.

ADALET MFG. COMPANY, 14300 Lorain Ave., Cleveland 11, Ohio—Angus Campbell, Inc., 1114 Valencia St., San Francisco 10, and 5320 Santa Fe Ave., Los Angeles 58; H. R. Onarecker & Co., 2518 Times Blvd., Houston 5.

ADAM ELECTRIC CO., FRANK, 3650 Windsor Place, St. Louis, Mo.—Columbia Electric Mfg. Co., 275 Steuart St., San Francisco; Myers Elec. Products, Inc., 2365 E. 57th St., Los Angeles 11; M. E. Cook, 818 Fourth St., Spokane; F. E. Staible & Sons, 2046 Arapahoe St., Denver 2.

ADAPTI COMPANY, The, 2996 E. 72nd St., Cleveland, Ohio—J. M. Chapman Co., 290 9th St., San Francisco; H. George Sheffer Company, P. O. Box 1587, Phoenix; L. D. Hood Sales Agency, P. O. Box 2751, Lakewood, Colo.

ADJUSTABLE FIXTURE CO., 104 E. Mason St., Milwaukee 2, Wis.—Leading electrical wholesalers, all cities.

ADMIRAL CORPORATION, 3800 W. Cortland St., Chicago, Ill.—McCormack & Co., 450 Ninth St., San Francisco; Herbert H. Horn, Inc., 915 S. Mateo, Los Angeles; Gold E. Distributors, Inc., 1905 E. Harbor Dr., San Diego; Arizona Hardware, 1st and Jackson, Phoenix; R. H. Gemberling, 121 S. Monroe, Spokane; Columbia Distributing Co., 2601 Market, Seattle; W. B. Lloyd Co., 51 S. Second St. West, Salt Lake City; Cunningham Distributing, Inc., 701 W. Coolidge, Albuquerque; Midland Dist. Co., 2302 First Ave. N., Billings; Capitol Dist., Inc., 2017 Cedar Springs, Dallas; The Irion Co., Inc., 2159 Mills St., El Paso; Royal Dist. Co., 2211 Commerce St., Houston; Lou Johnson Co., Inc., 422 N.W. 8th Ave., Portland.

ADVANCE TRANSFORMER CO., 1122 West Catalpa Ave., Chicago 40, Ill.—Ray J. Noel Co., 1423 So. Broadway, Los Angeles 15.

AERO-MOTIVE MFG. CO., 1803 Alcott St., Kalamazoo, Mich.—R. R. Petrie, 1423 So. Hill St., Los Angeles; Denham Sales, 538 Polk St., San Francisco; O. J. Thomas, 1018 S.E. 8th Ave., Portland 14; Benton Forrest, 138 W. 12th St., Denver.

AEROVENT FAN CO., INC., 700 E. Ash St., Piqua, Ohio—Sharpe Eng. Co., 415 West 8th St., Los Angeles 14; H. K. Mead, 1100 Guardian Bldg., Portland 4; George E. Mead, 816 Arctic Bldg., Seattle 4.

AEROVOX CORP., 740 Belleville Ave., New Bedford, Mass.—W. C. Hitt Co., 1355 Market St., San Francisco, and 1169 So. Broadway, Los Angeles; Wm. H. Connors, 1590 Eudora St., Denver; George G. Willison, 2030 Harold St., Houston; James J. Backer, 2321 Second Ave., Seattle.

AGASTAT Div. American Gas Accumulator Co., 1030 Newark Ave., Elizabeth 3, N. J.—Western Electro Mechanical Co., 300 Broadway, Oakland.

AINSWORTH LIGHTING, INC., 3810 29th St., Long Island City 1, N. Y.—E. I. Jones Co., National City Bldg., Dallas.

AIR CONTROLS, INC., 2310 Superior Ave., Cleveland, Ohio—O. C. Hatch, 8200 15th St. N.E., Seattle; H. A. Weller, 3411 N.E. Hassalo St., Portland; F. T. Clifford, 29 S. State, Salt Lake City.

AIRCRAFT MARINE PRODUCTS, INC., 1523 N. 4th St., Harrisburg, Penna.—Branch Offices: A. deLaet, Mgr., 366 Brannan St., San Francisco; A. E. Hightower, T. J. Harrington and H. Reuter, 11780 W. Pico Blvd., Los Angeles; L. F. Karkos, 106 N. Carroll Ave., Dallas. Agents: Northwestern Agencies, 4130 First Ave. So., Seattle.

AIREY CO., F. J., 1513 Mateo St., Los Angeles, Calif.

AIR FILTER CORP., 108 No. Water St., Milwaukee, Wis.—Supreme Supply Co., 915 East Hyde Park Blvd., Inglewood, Calif.

AIRMASTER CORPORATION, 4317 Ravenswood Ave., Chicago 13, Ill.—O'Keefe, Inc., 55 11th St., San Francisco 3.

AIR-RAY ELECTRIC FURNACE, P. O. Box 549, Puyallup, Wash.

AIR-WAY ELECTRIC APPLIANCE CORP., 2101-2115 Auburn Ave., Toledo 1, Ohio—Factory Branches: 421 Commercial Bldg., San Francisco, Calif.; 2500 West Sixth St., Los Angeles; 304 Paul A. Lewis Bldg., Riverside; 260 Spreckels Bldg., San Diego; 2013 Chester Ave., Bakersfield; 301 Mason Bldg., Fresno; 256 San Marcus Bldg., Santa Barbara; 311 New Fliedner Bldg., Portland; 2708 Second Ave., Seattle; 501 Empire State Bldg., Spokane; 1410 Idaho St., Boise; 409 Dooly Bldg., Salt Lake City; 1312 East Van Buren St., Phoenix.

AJAX ELECTRIC CO., INC., 930 Frankford Ave., Philadelphia, Penna.—Fred W. Schlapp, 204 Davis St., San Francisco 11; J. Max Lee, 839 E. 4th St., Los Angeles 13; F. B. Lee, 219 Central Bldg., Seattle 4; T. E. Nicklas, 1119 No. 3rd St., Temple, Texas.

AJAX ELECTROTHERMIC CORP., Ajax Park, Trenton, N. J.—E. A. Wilcox Co., 277 7th St., San Francisco; J. Max Lee, 839 E. 4th St., Los Angeles 13.

AKRON PORCELAIN CO., Cory Ave., Akron, O.—Robert C. Rieke, P. O. Box 4242, Portland 8.

ALABAMA MFG. CO., 1st Ave. No. & 13th St., Birmingham, Ala.—Sold thru leading distributors all principal cities.

ALBERTSON & CO., Inc., 3100 Lowell Ave., Sioux City, Iowa—C. C. Beebe, 2058 W. 78th Place, Los Angeles; M. E. Dear, 2218 42d Ave. S.W., Seattle; E. T. Jacobsen, 9204 S. La Reina Ave., Downey, Calif.; H. W. Tott, 249 Cherrywood St., San Leandro, Calif.; Frank Orr, 22 So. Ogden, Denver.

ALBERTSON ELECTRIC CO., 3530 W. Pierce St., Milwaukee, Wis.—Through distributors all leading cities.

ALCO VALVE CO., 865 Kingsland Ave., St. Louis 5, Mo.—Pacific Scientific Co., (in following cities): 25 Stillman St., San Francisco; 1430 Grande Vista Ave., Los Angeles; 1915 First Ave. So., Seattle.

ALCOR MANUFACTURING CO., 4444 W. Roosevelt Road, Chicago, Ill.—S. Borkvist, 6216 Laird Ave., Oakland, Calif.; Eckert-Tolt Co., 2115 So. San Pedro, Los Angeles.

ALDEN PRODUCTS CO., 117 No. Main St., Brockton 64, Mass.—Gerald B. Miller, P. O. Box 1471, or 1540 No. Highland Ave., Hollywood 28, Calif.

ALL-BRIGHT ELECTRIC PRODUCTS CO., 3917 No. Kedzie, Chicago, Ill.—Bruce W. Stiles, Construction Bldg., Dallas, also thru wholesalers in electrical field.

ALLEGHENY LUDLUM STEEL CORP., 2020 Oliver Bldg., Pittsburgh, Penna.—Branch offices: 4915 Pacific Blvd., Los Angeles 11; 36 Berry St., San Francisco 7; Portland and Seattle.

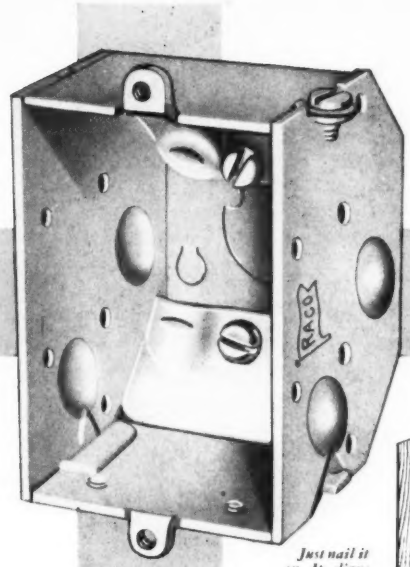
ALLEN MANUFACTURING CO., 133 Sheldon St., Hartford, Conn.—Paul Pick, 24 California St., San Francisco; David T. Lane, 817 So. San Pedro, Los Angeles.

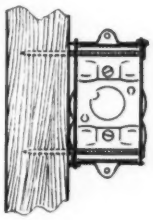
ALLEN COMPANY, INC., L. B., 6710 Bryn Mawr, Chicago, Ill.—H. B. Squires Co., 1128 Howard St., San Francisco; George P. Wilcox, 408 So. Spring St., Los Angeles; James H. Blinn Co., 1530 16th St., Denver; E. C. Coffin Co., 2052 E. 9th St. So., Salt Lake City; Steel Service & Supply, 514 National Bldg., Seattle 4. See ad page 9.

ALLEN BILLMYRE, Div., Lamson Corp., 433 Lamson St., Syracuse 1, N. Y.—S. C. Pardee, Sharon Bldg., San Francisco.

ALLEN-BRADLEY CO., 136 W. Greenfield Ave., Milwaukee, Wis.—Campbell & George, 379 Brannan St., San Francisco; H. D. Easterbrook, 1262 S. Boyle Ave., Los Angeles 23; Young Electric Mfg. & Supply Co., 2134 Curtis St., Denver; C. E. Klaus, 1004 S.E. Belmont, Portland 4; Muth-Richards Co., 2605 Western Ave., Seattle 1; James A. Setchell, 301 West G St., San Diego, Calif.

THE BUMPS DO IT





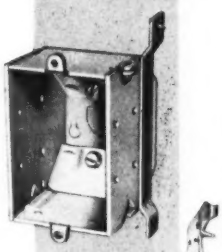
Just nail it on. It aligns itself.

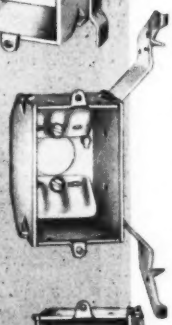
. . . when you nail these boxes directly on studding, they align themselves

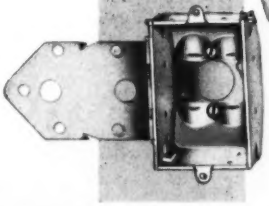
These Raco "economy" switch boxes fasten firmly to studding in new work simply by nailing through the holes provided. It's a fast mount. And you get perfect alignment because the levelling "bumps" have the added height and engineered spacing to line up the box with the studding in exact position. No danger of compressing the sides. Ears have been eliminated for economy.

And—an added Raco feature—the "straight-thru" nail holes are large enough for 16D nails.

This economy style is available in all types of switch boxes . . . all Raco quality, of course.







BRACKET TYPE BOXES

FLAT BRACKET
—this is a sturdy bracket which allows the box to be adjusted to all wall thicknesses.

SIDE MOUNT
—a new bracket on a nationally popular box, especially formed for door frame clearance. The bracket is gauged for standard wall thickness. "Break-off" gauges allow adjustment to all wall thicknesses.

FACE MOUNT
—a newly redesigned bracket, with rounded safety-style corners. Bracket is also equipped with nailing prongs.

RACO

There's a RACO Bracket Mount Box for Every Job

ALL-STEEL EQUIPMENT Inc.—800 Kensington Ave., Aurora, Illinois

YOU CAN ALWAYS RELY ON RACO

ALLEN & OLSEN MFG. CO., 13452 W. Washington St., Venice, Calif.—The Chas. Meier Co., 1473 Harrison St., San Francisco; The Gleasons, 901 East 45th St., Seattle; E. J. Baughman Co., 350 So. Central Ave., Los Angeles.

ALLEN VENTILATOR DIV., 704 Woodward, Rochester, Mich. (See under Production Planning Co.)

ALLIANCE MFG. CO., Lake Park Blvd., Alliance, Ohio—George D. Norris, 3010 First Ave., Seattle; John Tubergen Company, 1406 So. Grand, Los Angeles; George Sheffield Co., P. O. Box 1587, Phoenix; Wm. O. Conner, 1590 Eudora, Denver.

ALLIED CONTROL COMPANY, INC., 2 East End Ave., New York City—Douglas H. Loukota, 6919 San Fernando Road, Glendale, Calif.; G. G. Willison, 2030 Harold St., Houston; Allen I. Williams, 1009 17th St., Denver; James J. Backer, 2321 Second Ave., Seattle.

ALLIED ELECTRICAL MFG. CORP., 1 N. LaSalle St., Chicago, Ill.—F. M. Nicholas Co., 1123 Harrison St., San Francisco; Kenneth Anderson Co., 412 Seaton St., Los Angeles; Keeler, White Co., 1041 Sixth St., Seattle; A. J. Elggren & Sons, 428 S.W. Temple, Salt Lake City; L. R. Ward Co., 2711 Commerce St., Dallas.

ALLIED ELECTRIC PRODUCTS, INC., 68-98 Coit St., Irvington 11, N. J.—Branch Office: Harry Martin, Branch Mgr., 1755 Glendale Blvd., Los Angeles. Agents: E. L. Berman Co., 1355 Market St., San Francisco; George D. Norris Co., 3010 First Ave., Seattle; Allen B. Carpenter Co., 820 Twelfth St., Denver 4.

ALLIS-CHALMERS MFG. CO., 1126 So. 70th St., Milwaukee, Wis.—Branch Offices: A. J. Schmitz, Manager Pacific Region, 650 Harrison St., San Francisco; James A. Longley, Manager, 650 Harrison St., San Francisco; R. D. Moody, Mgr., 458 So. Spring St., Los Angeles; W. J. Myers, rep., 735 Bank of America Bldg., San Diego; U. E. Sanderlin, Manager, 920 S. W. 6th, Portland; S. C. Bacon, Mgr., 1218 4th Ave., Seattle; B. A. Seare, Manager, 134 So. Main, Salt Lake City; W. D. Nesbeitt, Mgr., 428 Riverside, Spokane; W. C. Kinnon, 45 W. Jefferson, Phoenix; J. E. Despins, 607 Mills Bldg., El Paso; J. L. Pratt, Manager Southwest Region, Dallas. See ads inside front cover and page 1.

ALLIS CO., LOUIS, 427 E. Stewart St., Milwaukee, Wis.—Monarch Supply Co., 546 Howard St., San Francisco; J. B. Colesworthy, 1709 W. 8th St., Los Angeles; Caskey Engineering Co., 1736 First Ave. So., Seattle; Chas. E. Klaus, 1004 S.E. Belmont St., Portland.

ALL-STEEL EQUIPMENT, INC., Griffith Ave., Aurora, Ill.—The Frank H. Bran Co., 607 E. Sixth St., Los Angeles 5; Robert R. Prussia, 224 Harriet St., San Francisco 3; The Sanderlin Co., 129 First Ave. W., Seattle 99; Kenneth B. Schumann Co., 814 Twelfth St., Denver 4; The Jim Randall Co., 609 Thomas Bldg., Dallas. See ad page 3.

ALPHADUCT PRODUCTS CO., Milltown, N. J.—Allied Industries, 451 So. Hewitt St., Los Angeles; Rutkin Electrical Sales, 937 Stanford Ave., Los Angeles 21.

ALPHA WIRE CORP., 50 Howard St., New York City—Perlmuth-Colman & Associates, 1335 So. Flower St., Los Angeles 15, and 420 Market St., San Francisco; George D. Norris Co., 3010 First Ave., Seattle 1; M. P. Mack, 1427 16th St., Denver.

ALTORFER BROS. COMPANY, 812 W. Washington St., Peoria, Ill.—Branch Offices: E. P. Becker, Div. Mgr., 1127 Wilshire Blvd., Los Angeles; F. D. Wallace, Dist. Mgr., 866 Adelaide Dr., Pasadena. Distributors: McCormack & Co., 450 9th St., San Francisco; Mountain States Distributors, 622 So. State, Salt Lake City; Austin & Son, Denver; Appliance Wholesalers, Portland; Columbia Dist. Corp., Seattle; Albert Mathias & Co., El Paso; J. Korber & Co., Albuquerque; R. E. Harris, Inc., San Diego; Herbert H. Horn, Inc., Los Angeles.

ALUMINUM COMPANY OF AMERICA, 801 Gulf Bldg., Pittsburgh, Penna.—Branch Offices: Howard W. Flye, District Manager, 615 Russ Bldg., San Francisco 4; C. R. Boyle, Dist. Mgr., 108 West 6th St., Los Angeles 14; J. C. Smith, Dist. Mgr., 1411 Fourth Ave. Bldg., Seattle; F. S. Smith, Dist. Mgr., 510 U. S. Nat'l Bank Bldg., Portland.

ALUMINUM GOODS MFG. CO., Washington St., Manitowoc, Wis.—Branch Office: M. C. Hermann, Mgr., 125 King St., San Francisco 7; C. F. Beste, 11473 Riverwood Road, Portland 1; R. W. Wick, 382 W. Palm St., Altadena, Calif.; F. J. Bennett, 1626 Logan St., Denver 5.

ALUMINUM INDUSTRIES, INC., 2438 Beekman St., Cincinnati 25, Ohio—C. B. Wall, 190 Hernandex St., San Francisco 16; J. C. Failor, 422 E. Chevy Chase Dr., Glendale 5, Calif., W. M. Friel, 7919H East 10th St., Vancouver, Wash.

ALVORD-POLK TOOL CO., 125 Gearhart St., Millersburgh, Penna.—Hubbard and Stau, 407 E. 4th St., Los Angeles, and 1011 Golden Gate Ave., San Francisco.

AMANA REFRIGERATION, INC., Amana, Iowa—Regional Sales Manager, J. J. Pollon, 12238 Cantura St., North Hollywood, Calif. Sold thru electrical wholesalers all principal cities.

AMERICAN AIR FILTER COMPANY, 215 Central Ave., Louisville, Ky. Fred W. Kolb, 598 Monadnock Bldg., San Francisco; English & Lauer, Inc., 1978 So. Los Angeles St., Los Angeles, and Richard V. Sloan, Hollingsworth Bldg., Los Angeles; Harry H. Herman, 1228 California St., Denver; Richards-Conant, 324 Cooper Bldg., Denver; Boyd Engineering Co., Inc., in following cities: 718 No. Stanton St., El Paso; 112 W. Granite Ave., Albuquerque; 1600 W. Jefferson, Phoenix; R. E. Chase Co., in the following cities: 417 Tacoma Bldg., Tacoma; 1834 S.E. 8th Ave., Portland; 414 Times Square Bldg., Seattle, and East 3700 Riverside, Spokane.

AMERICAN BLOWER CORP., 8111 Tireman Ave., Dearborn, Mich.—West Coast Plant, 1900 West Ave. 132, San Leandro, Calif. Branch Offices: 625 Market St., San Francisco 5; 816 W. Fifth St., Los Angeles 17; 7th Floor Bus Terminal Bldg., Denver 2; R. D. Morse, 1305 Republican St., Seattle 9; W. S. Turner & Co., Pacific Bldg., Portland 4; Williams, Gritton & Wilde, 204 Dooly Bldg., Salt Lake City 1; Boyd Engineering Co., Inc., 112 W. Granite Ave., Albuquerque; 1600 W. Jefferson, Phoenix; 718 N. Stanton St., El Paso.

AMERICAN BRASS CO., American Metal Hose Branch—698 South Main St., Waterbury 20, Conn.—F. Somers Peterson Co., 524 Folsom St., San Francisco 5, and 413 East 12th St., Los Angeles 15; Hendrie & Bolthoff Co., 1635 17th St., Denver 2.

AMERICAN ELECTRIC CABLE CO., 181 Appleton St., Holyoke, Mass.—Auto Air 9891 Santa Monica Blvd., Beverly Hills, Calif.

AMERICAN ELECTRIC SWITCH CORP., Minerva, O.—Northwestern Agencies, 4130 First Ave., South, Seattle; Pacific Electro Sales Co., 144 Townsend St., San Francisco.

AMERICAN ELECTRICAL HEATER CO., 6110 Cass Ave., Detroit, Mich.—Russell & Co., 1355 Market St., San Francisco 3; John A. Thompson, 2024 Ridgeview Ave., Los Angeles 41; Boyd Robertson Co., 212 World Mdse. Mart, Seattle 1.

AMERICAN FLEXIBLE CONDUIT CO., 31 Scott St., New Bedford, Mass.—Henger-Seltzer, 230 So. Hewitt St., Los Angeles.

AMERICAN FLEXIBLE COUPLING CO. (Affiliated with J. A. Zurn Mfg. Co.), Erie, Penna.—Branch Offices: Harry E. Goss, West Coast Supervisor, 1045 Bryant St., San Francisco; Jack Etienne, 1045 Bryant St., San Francisco; Earl L. Morris, 533 E. 31st St., Los Angeles; Neal Perby, 1743 First Ave. So., Seattle; W. G. Ballantyne, 1215 N.W. Everett St., Portland; Rex W. Williams, 333 L St., Salt Lake City; Albert A. Sterling, Jr., 2134 Commerce Bldg., Houston.

AMERICAN-FORT PITT SPRING DIV., H. K. Porter Co., Inc., 56th & A.V.R.R., Pittsburgh, Penna.—Branch Offices: John F. Morley, Mgr., 681 Market St., San Francisco; H. A. Hintz, Mgr., 714 W. Olympic Blvd., Los Angeles.

AMERICAN LAVA CORP., Cherokee Bvld. and Mfgr.'s Road, Chattanooga, Tenn.—Electrical Material Co., Room 345, 232 So. Hill St., Los Angeles 12.

AMERICAN LIGHTING EQUIPMENT CO., 713 N. Highland St., Los Angeles, Calif.—Sold thru all electrical dealers.

AMERICAN METAL HOSE—See American Brass Co.

AMERICAN METAL MOULDING CO., 146 Coit St., Irvington, N. J.—O. W. Coombs Co., 1026 So. Olive St., Los Angeles, and 21 So. Park, San Francisco; A. S. Knight Co., Seattle; L. D. Hood Sales Agency, P.O. Box 7651, Lakewood, Colo.

AMERICAN METAL PRODUCTS CO., 4901 Marsalis Ave., Fort Worth, Texas—A. C. Patterson, 1315 East Seventh St., Los Angeles 21.

AMERICAN MICROPHONE CO., 370 S. Fair Oaks Ave., Pasadena 1, Calif.—Howard M. Saul, 5720 Wilshire Blvd., Los Angeles; Neely Enterprises, 7422 Melrose Ave., Hollywood 45; W. H. Connor, 1590 Eudora St., Denver; Frank Wedel Co., 3215 Western Ave., Seattle 99.

AMERICAN PHENOLIC CORP., 1830 So. 54th Ave., Chicago 50, Ill.—James P. Hermans, 1234 Folsom St., San Francisco 3; Marshank Sales Co., 672 So. Lafayette Park Place, Los Angeles 5; Ronald G. Bowen, 1896 So. Humboldt St., Denver 10; Don H. Burcham Co., 917 So. West Oak St., Portland 5.

AMERICAN STEEL & WIRE CO., 1435 Union Commerce Bldg., Cleveland, O.—Columbia Steel Company in following cities: Russ Bldg., San Francisco; 2087 E. Slauson Ave., Los Angeles; 2345 N.W. Nicolai St., Portland; 1331 Third Ave. Bldg., Seattle; Walker Bank Bldg., Salt Lake City 1.

AMERICAN TRANSFORMER CO., 178 Emmet St., Newark 5, N. J.—Pacific Electro Sales, Inc., 144 Townsend St., San Francisco, and 340 Azusa St., Los Angeles.

AMERLINE, INC., 1753 No. Honore St., Chicago, Ill.—Quaker Specialty Products Co., 730 So. Bright Ave., Whittier, Calif.; Beacon Sales Company, Merchandise Mart, Seattle 1.

AMPERITE CO., INC., 561 Broadway, New York City.—D. C. Wallace, 1206 Maple Ave., Los Angeles; J. E. Smith, 505 No. Ervay St., Dallas.

AMPEX ELECTRIC CORP., 1155 Howard Ave., San Carlos, Calif.—Graybar Electric Co., Inc., all principal cities. B. Crosby Enterprises, Inc., 9028 Sunset Blvd., Hollywood; Sound Recorders, 421 Powell St., San Francisco; Valley Electric, 851 Higuera St., San Luis Obispo, Royal Recording & Dist., Co., Angwin, Calif.; Ralph K. Wittenberg, P. O. Box 2231, Reno, Nev.

AMPLEX CORP., 26 Washington St., Brooklyn, N. Y.—Ray J. Noel, 1423 So. Broadway, Los Angeles.

ANACONDA WIRE & CABLE CO., 25 Broadway, New York City—Branch Offices: E. A. Casey, Western Div. Mgr., 111 Sutter Bldg., San Francisco 4, and R. L. Hayward, Dist., Mgr., 111 Sutter Bldg., San Francisco 4; J. L. Tindale, District Mgr., 807 Architects Bldg., Los Angeles 17; L. M. Wolfe, District Mgr., 956 Stuart Bldg., Seattle 1; A. W. Tracy, Dist. Mgr., Railway Exchange Bldg., Denver 2.

ANCHOR MANUFACTURING CO.,
30 Huntington Ave.,
Boston, Mass.
Western representatives: Robert R. Prussia, 224 Harriet St., San Francisco 3; The Agencies Co., 125 So. Santa Fe, Los Angeles; Muth-Richards Co., 2605 Western Ave., Seattle 1; Chas. E. Klaus, 503 S.W. 1st Ave., Portland; L. S. Reed & Co., 1018 Lawrence St., Denver; A. J. Elggren & Son Co., 428 South West Temple, Salt Lake City. L.C.R. Sales, Austin; J. E. Rogers, Dallas.

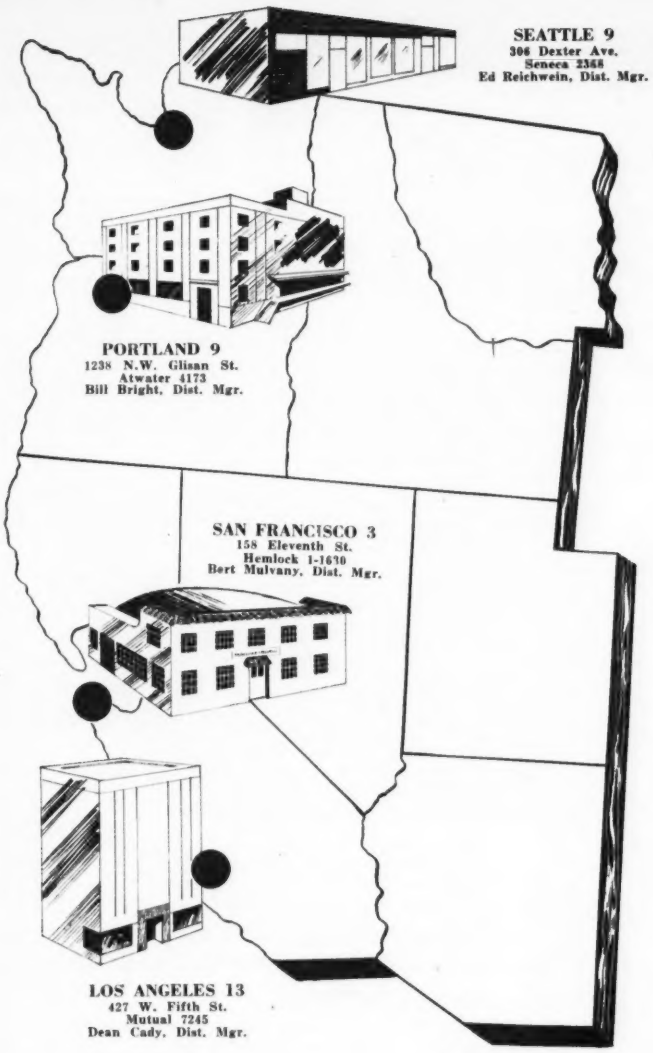
ANCHOR WEBBING CO., Pawtucket, R. I.—Western Fiberglas Supply, Ltd., 739 Bryant St., San Francisco, and 937 So. Grand Ave., Los Angeles.

ANDALE COMPANY, 1604 Arch St., Philadelphia, Penna.—Oliver B. Lyman, 55 New Montgomery St., San Francisco.

ANDERSON MFG. COMPANY, Albert & J. M., 289 A St., Boston, Mass.—Industrial Eng. & Equip. Co., 712 Subway Terminal Bldg., Los Angeles; North Pacific Electric Agencies, 615 Lloyd Bldg. Seattle.

ANDERSON BRASS WORKS, INC., 700 44th St. North, Birmingham, Ala.—Waltham, DeWitt & Krusi, 632 Monadnock Bldg., San Francisco; Industrial Eng. & Equipment Co., 712 Subway Terminal Bldg., Los Angeles; D. H. Laudin Co., 1127 E. Northlake, Seattle 5.

ANGELL MANUFACTURING CO., 1070 E. Monument Ave., Dayton 1, Ohio—Walter W. Cribbins Co., 557 Howard St., San Francisco 5; Mervyn D. Silbersten Co., 2375 N. Point, San Francisco 23; A. R. Dankworth, Inc., 1414 Seventh St., Los Angeles 14; E. F. Twomey Co., 725 Mateo St., Los Angeles.



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APEX ELECTRIC HEATER CO., 222 29th St., Oakland, Calif.—George H. Curtiss, 540 McAllister St., San Francisco.

APPLEMAN ART GLASS WORKS, Bergenfield, New Jersey—H. N. Lindsey, 1261 W. 56th St., Los Angeles 37; Joe Blonder, 2617 N.E. 14th Ave., Portland 12; J. H. Nicodemus, 230 So. 4th West St., Salt Lake City, 1.

APPLETON ELECTRIC COMPANY, 1701 W. Wellington, Chicago, Ill.—Branch Offices: A. W. Rockwell, 655 Minna St., San Francisco 1; Elmer Aldridge, 100 N. Santa Fe Ave., Los Angeles 12; R. J. Lidgate, 115 Ray St., Seattle 9; Leo N. Kepler, 4804 N.E. 103rd Ave., Portland 20; C. D. Belt, 1921 Blake St., Denver 2; H. R. Johnson, 2309 N. Fitzhugh St., Dallas 4; J. O. Bell, Jr., Room 709 M & M Bldg., Houston 2.

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57 Cornwall St.,
Boston 30, Mass.
Western representatives: Robert R. Prussia Co., 224-226 Harriet St., San Francisco; George Kraft Co., 1501 N.W. Kearney St., Portland.

APPLIANCE MFG. CO., Alliance, Ohio—O. B. Wilt, 1355 Market St., San Francisco; W. H. Connors Co., 1590 Eudora St., Denver.

ARCADE MFG. Div. Rockwell Mfg. Co., 1212 East Shawnee, Freeport, Ill.—E. B. Bradley Co., 1205 So. Hill St., Los Angeles; 462 Bryant St., San Francisco, and 2408 1st Ave. South, Seattle.

ARCOS CORPORATION, 1500 S. 50th St., Philadelphia, Penna.—Branch Office: B. E. David, Mgr., 427 So. Western Ave., Los Angeles. Arizona Wldg. Equip. Co., 415 S. 7th St., Phoenix, and 819 East Broadway, Tucson; J. E. Haseltine Co., 115 S.W. Second Ave., Portland; 510 First Ave. S., Seattle, and N. 1101 Division St., Spokane; Industrial Supply Co., 1647 N. Second St., Albuquerque.

ARC RAY ELECTRIC CORP., 2401 Hudson Blvd., North Bergen, N. J.—Manmars, P. O. Box 277, Menlo Park, Calif.

ARK-LES SWITCH CORP., 51 Water St., Watertown, Mass.—Montgomery Brothers in following cities: 1122 Howard St., San Francisco; 2113 So. San Pedro, Los Angeles; 1104 N.W. 15th St., Portland, and 911 Western Ave., Seattle 4.

ARMCO DRAINAGE & METAL PRODUCTS, INC., 7th and Parker Sts., Berkeley, and 6155 So. Malt Ave., Los Angeles.

ARMATURE COIL EQUIPMENT, INC., 2605 Vega Ave., Cleveland, O.—Insulation and Wires, Inc., 2 Moss St., San Francisco; 2240 E. Washington Blvd., Los Angeles; 1702 N.E. Sandy Blvd., Portland; Marwood Limited, 357 Ninth St., San Francisco.

ARMSTRONG-BRIDGEPORT DIV., The Capewell Mfg. Co., 303 Knowlton St., Bridgeport, Conn.—Milton E. Clarke, 360 E. Palm St., Altadena, Calif.

ARMSTRONG CONTROL CO., INC., 8816 S.E. 17th Ave., Portland Ore.—Electric Agencies, 1223 West Venice Blvd., Los Angeles, 171 Stillman St., San Francisco.

ARMSTRONG PRODUCTS CORP., P.O. Box 940, Huntington, West Va.—E. R. Palmtag Co., 1355 Market St., San Francisco, and 164 S. Central Ave., Los Angeles; J. M. Cavanaugh, 821 N.W. Flanders, Portland; Chas. M. Dillon, 2300 Grape St., Denver.

ARRO EXPANSION BOLT CO., No. Boone Ave., Marion, Ohio—Howard Burt & Sons, 615 Second St., San Francisco; M. E. Canfield Co., 420 E. Third St., Los Angeles 13; Regional Sales Co., 4321 Dover, Denver; Tom G. Blunden, 1502 Olive Way, Seattle.

ARROW CONDUIT & FITTINGS CORP., 790 Wythe Ave., Brooklyn, N. Y.—J. Wallach, 3127 West 11th St., Los Angeles.

ARROW-HART & HEGEMAN ELECTRIC CO., 103 Hawthorn St., Hartford, Conn.—Branch Offices: 405 E. 3rd St., Los Angeles, and 1345 Howard St., San Francisco.

ARROW LAMP MFG. CO., INC., 22 W. 19th St., New York City, N. Y.—Perry Oppenheimer, 3211 Castle Heights Ave., Los Angeles; Unique Lamp & Sales Co., 700 E. Pike St., Seattle.

ARTCRAFT FLUORESCENT CORP., 248 McKibbin St., Brooklyn 6, N. Y.—James Mundstock, 320 Market St., San Francisco 11; General Lighting Co., 8336 W. 3rd St., Los Angeles 35; J. M. Chapman, 290 9th St., San Francisco, for Oregon.

ARTISAN PRODUCTS, INC., 3490 W. 140th St., Cleveland 11, Ohio—Commercial Sales Co., 1100 8th Ave., Oakland 6.

ARTISTIC LAMP MFG. CO., INC., 395 Fourth Ave., New York City 16—Richard R. Miller, 1355 Market St., San Francisco 3.

ART METAL CO., 1814 E. 40th St., Cleveland 4, Ohio—W. H. Fuller, Jr., 1038 Palm Ave., Whittier, Calif.; W. G. Gordon, 619 Second Ave., Seattle 4; Don Steinkamp, 1375 Pearl St., Denver 3.

ARVIN INDUSTRIES, INC., Columbus, Indiana—Earle Rogers (Electric Housewares), 2956 Linden Ave., Berkeley, Calif.; James Hofer (Radio & TV), 16648 Addison St., Encino, Calif.

ASHEVILLE-SCHOONMAKER MICA CO.,
900 Jefferson Ave.,
Newport News, Va.
Western representatives: Marwood Limited (in following cities), 357 Ninth St., San Francisco; 320 East Third St., Los Angeles; 1714 First Ave. So., Seattle 4; 209 South West First Ave., Portland.

ASSOCIATED LIGHTING SERVICE, 488 Bryant St., San Francisco, Calif.—Stanford Darger & Co., 328 West 2nd So., Salt Lake City; Gleasons, 901 East 45th St., Seattle 5; Northern School Supply Co., 1505 N.W. Lovejoy St., Portland 9.

ASSOCIATED MFGRS. CO., 60 Federal St., San Francisco, Calif.

ASSOCIATED PRODUCTS, INC., 20 S. Ontario St., Toledo, Ohio—A. B. Murphy Co., 228 Ninth St., San Francisco; L. A. Baxter & Co., 1008 S. W. 6th Ave., Portland 4; R. E. McDonough, 1911 Argyle St., Butte, Mont.

ASSOCIATED PROJECTS CO., INC., 157 Marconi Blvd., Columbus, Ohio—C. C. Bryant, 2424½ Cleveland Ave., Montebello, Calif.

ASSOCIATED RESEARCH, INC., 3758 W. Belmont Ave., Chicago 18, Ill.—A. A. Barbera & Co., 311 N. Martel Ave., Los Angeles 36; George L. Hoffman, 3007 S.W. Nebraska St., Portland 19; Krippner & Polley, 1166 Elati St., Denver 4; W. J. Kantenberger Co., 740 So. Hampton Rd., Dallas.

ASTATIC CORP., 250 Harbor St., Conneaut, Ohio—Harry A. Lasure, 2216 West 11th St., Los Angeles; Wm. J. Purdy Co., 79 Ninth St., San Francisco; Dale G. Weber, 234 Sherlock Bldg., Portland; Ronald G. Bowen, 852 Broadway, Denver 3; J. Y. Schoonmaker, 2011 Cedar Springs, Dallas 1.

ATC COMPANY, 18 W. Chelten Ave., Philadelphia 44, Penna.—Pacific Scientific Co., 25 Stillman St., San Francisco, and 1430 Grande Vista Ave., Los Angeles.

ATLAS BRASS FOUNDRY, 1901 Santa Fe Ave., Los Angeles 21, Calif.—Bearing Specialty Co., 2505 Broadway, Oakland, 1037 Harrison St., San Francisco, and 2314 J St., Sacramento; Industrial Specialties Co., 940 S. E. 7th Ave., Portland; Seattle Steel Co., 1200 Fourth Ave. So., Seattle; Tinling & Powell, Inc., W. 27 Main St., Spokane; Lee Redman Equipment, 610 S. 19th Ave., Phoenix; Colorado Ind. Supply Co., 1620 Wazee St., Denver; Smith Machine Co., 211 S. Kansas St., El Paso.

ATLAS ELECTRIC DEVICES CO., 361 W. Superior St., Chicago, Ill.—L. H. Butcher Co., in following cities—15th and Vermont St., San Francisco; 3628 E. Olympic Blvd., Los Angeles; 1504 N.W. Johnson St., Portland, and 1703 Sixth Ave. So., Seattle.

ATLAS SAFETY EQUIPMENT CO., INC., 27 Warren St., New York City 7—Western Fire Equip. Co., 69 Main St., San Francisco; American Elkhart Co., 11 Mission St., San Francisco, and 528 Ceres Ave., Los Angeles; Hughey & Phillips, 326 N. La Cienega Blvd., Los Angeles.

ATWOOD & MORRILL CO., 48 Loring Ave., Salem, Mass.—Oliver B. Lyman Co., 116 New Montgomery St., San Francisco 5; A. W. Anderson, 164 So. Central Ave., Los Angeles; Ray Smythe, 501 Park Bldg., Portland.

AULD CO., D. L., 5th Ave. and 5th St., Columbus, Ohio—North American Supply Co., 5670 Wilshire Blvd., Los Angeles.

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AUTH ELECTRIC COMPANY, INC., 34-20 45th St., Long Island City 1, N. Y.—Robert R. Prussia Co., 224 Harriet St., San Francisco; Agencies Company, 125 So. Santa Fe, Los Angeles 12; Shaffer & Nelson, 312 Occidental Ave., Seattle, and 411 Weatherly Bldg., Portland; Everett T. Vonier Co., 1160 Elati St., Denver; H. R. Onarecker Co., 2518 Times Blvd., Houston.

AUTOMATIC BURNER CORP., 1823 Carroll Ave., Chicago, Ill.—Howard A. Weller, 1238 N.W. Glisan, Portland.

AUTOMATIC CONTROL CO., 1005 University Ave., St. Paul, Minn.—Campbell & George, 379 Brannan St., San Francisco; Hundley Co., 1174 Cherry St., Glendale, Calif.; R. E. LeRiche, 422 Smith Tower, Seattle; C. A. D. Young, 726 Colorado Bldg., Denver; E. T. Ryan, Title and Trust Bldg., Phoenix; Wetzel Equipment, 375 S.W. Temple, Salt Lake City.

AUTOMATIC ELECTRIC SALES CORP., 1033 West Van Buren St., Chicago, Ill.—Branch Offices: Automatic Electric Sales, 3626-28 11th Ave., Los Angeles 18; 55 New Montgomery St., San Francisco 5; Terminal Sales Bldg., Portland 5; 644 Central Bldg., Seattle.

AUTOMATIC ELECTRIC MFG. CO., 10 State St., Mankato, Minn.—R. B. Clapp Co., 314 Omar Ave., Los Angeles 13; The Ballard Co., 407 Sansome St., San Francisco; Dooley-Way Sales Co., 1001 Westlake Ave. No., Seattle; The Sales Company, 1624 No. First St., Albuquerque.

AUTOMATIC ELECTRIC HEATER CO., 860 Cross St., Pottstown, Penna.—F. H. Wilson & Sons, Denver, Colo. Represents company in Montana, Idaho, Utah, Wyo., Colo. and Mont.

AUTOMATIC ELECTRICAL DEVICES CO., 2409 Colerain Ave., Cincinnati, Ohio—Charles Caban, Jr., 858 Garey Ave., North, Pomona, Calif.

AUTOMATIC RADIO MFG. CO., INC., 122 Brookline St., Boston, Mass.—Maury S. Mittelman, 1526 Wilshire Blvd., Los Angeles; Roy J. Holsclaw, 845 Broadway, Denver; Herbert Sierk, 2705 Canton St., Dallas.

AUTOMATIC SWITCH COMPANY, 391 Lakeside Ave., Orange, N. J.—F. W. Carlson, 307 Wall St., Seattle, and 515 S.W. 13th Ave., Portland; Paul S. Everley Co., 778 Natoma St., San Francisco; Associated Sales Engineers, 920 E. 3rd St., Los Angeles; Glidden Eng. & Equipment Co., 3802 Winchester St., Houston; Clyde P. Elliott, 681 Grant St., Denver.

AUTOMATIC TEMPERATURE CONTROL CO., INC., 5200 Pulaski Ave., Philadelphia, Pa.—Pacific Scientific Co., 25 Stillman St., San Francisco; 1430 Grande Vista Ave., Los Angeles; 1915 1st Ave., Seattle 4.

AUTOMATIC WASHER CO., 323 W. 3rd St., N., Newton, Iowa—Paul H. Rice Co., 1355 Market St., San Francisco; Schwabacher Hdwe. Co., Seattle 14, Wash.; Arizona Mercantile Co., Central Ave. and Jackson, Phoenix; Hendrie & Bolthoff, 1635 17th St., Denver; Northwestern Auto Supply, 422 N. Broadway, Billings; Western Supply Co., 357 W. 2nd St., Salt Lake City.

B/W CONTROLLER CORP., 2200 East Maple, Birmingham, Mich.—Geraty Eng. Specialties, 380 Colusa Ave., Berkeley 7, Calif.

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BAKER BARKON COMPANY, 1335 S.W. Morrison St., Portland, Ore.

BAKER INDUSTRIAL TRUCK DIV. of Baker-Raulang Co., 1250 West 80th St., Cleveland, Ohio—Elder & Co., 390 7th St., San Francisco; Glenn A. Harshbarger, 1218 So. Boyle Ave., Los Angeles; Hyster Sales, 2105 S. E. 7th St., Portland; Riter Engineering Co., Kearns Bldg., Salt Lake City; Hyster Co., 753 9th Ave., Seattle; J. B. Ambler, 602 Denver National Bldg., Denver; Dillon Scale & Equipment in the following cities: 3907 Elm St., Dallas, 4014 Navigation Blvd., Houston, and 804 Neal Anderson Bldg., Fort Worth.

BALDOR ELECTRIC CO., 4351 Duncan Ave., St. Louis, Mo.—E. P. Denham Co., 536 Polk St., San Francisco; E. P. Poreham Co., 1206 So. Maple Ave., Los Angeles; Dan J. Sweeney Co., 1119 Pike St., Seattle 2; H. C. Miller, 4546 Northeast Alberta, Portland; H. George Sheffler Co., P. O. Box 1587, Phoenix; The Sales Co., 503 Charles Place, Albuquerque; Hirsig-Frazier, 807 Cotton Exchange Bldg., Dallas.

BARBER-COLMAN CO., Loomis St., Rockford, Ill.—Branch Offices: 6181 No. Figueroa, Los Angeles 42; R. A. Parker Company, 250 7th St., San Francisco 18; Merrill N. Musgrave & Co., 2019 Third Ave., Seattle 1; Reynold Meussdorffer, (Motors only) 1315 E. 7th St., Los Angeles.

BARBER-GREENE CO., 631 West Park Ave., Aurora, Ill.—Branch Office: 1142 Howard St., (E. L. Benson, Area Sales Mgr.) San Francisco. Sold thru leading distributors, all leading cities.

BARCO MFG. CO., 1801 W. Winnemac Ave., Chicago 40, Ill.—Crane Company, San Francisco, Los Angeles, Seattle, Portland, Spokane and Tacoma. The Fornaciari Co., Los Angeles.

BARCALO MFG. CO., 225 Louisiana St., Buffalo, N. Y.—George Peters, 1709 W. 8th St., Los Angeles, Calif.; Henry Kenkel, 1355 Market St., San Francisco; J. Frank Ewing, 3706 S.W. Marquam Hill Rd., Portland; Don Smith, 24 E. 9th Ave., Denver.

BARDCO MFG. & SALES CO., 2450 E. 23rd St., Los Angeles.

BARKELEW ELECTRIC MFG. CO., 1905 Columbia Ave., Middletown, Ohio—Electrical Specialty Co., in following cities: 316 11th St., San Francisco; 2406 First Ave., Seattle; and 1015 21st St., Denver. Angus-Campbell, Inc., 449 So. San Pedro St., Los Angeles 13.

BARLOW & SEELIG MFG. CO., Ripon, Wis. (See Speed Queen.)

BARRY CORP., 179 Sidney St., Cambridge, Mass.—E. V. Roberts & Associates, 5014 Venice Blvd., Los Angeles.

BARTLETT MANUFACTURING CO., 3003 E. Grand Blvd., Detroit, Mich. — Pruning Tools, George E. Honn, 420 Market St., San Francisco; Bracken Sales Agency, 923 East Third St., Los Angeles; Metal Cutting Shears—J. J. Brown Co., 420 Market St., San Francisco and 209 S. Spring St., Los Angeles. See ad page 65.

THE BARTON CORPORATION, West Bend, Wis.—U. S. Grant Supply Co., 2900 East 11th St., Los Angeles; Zork Hardware Co., 115 San Francisco St., El Paso and 1414 North 12th St., Albuquerque; George S. Conley Co., 731 15th St., Denver.

BASHLIN COMPANY, W. M., Grove City, Penna. — Guardian Safety Equipment Co., 50 Hawthorne St., San Francisco and 6104 So. Main St., Los Angeles 3.

BASIC PRODUCTS CORP., Fort Wayne, Ind.—O. B. Wilt Co., 1355 Market St., San Francisco.

BATAVIA METAL PRODUCTS CORP., 1150 Liberty St., Batavia, N. Y.—American Equipment & Body Co., 2315 East 4th St., Los Angeles; Nelson Truck Equip. Co., Inc., 128 Westlake No., Seattle; Fred C. Hall Co., 17 Cedar St., San Carlos, Calif.

BAXTER CO., J. H., 200 Bush St., San Francisco 4, Calif.—Branch offices in Los Angeles, Calif. and Eugene, Ore.

BEALL PIPE & TANK CORPORATION, 1945 No. Columbia Blvd., Portland, Ore.

BEAVER PIPE TOOLS, INC., 310 Dana St., N.E., Warren Ohio—David Howe, 2578 West St., at 26th, Oakland 12, Calif.; Ted Obear, 6075 So. Normandie Ave., Los Angeles 44; Edward C. Lindeman, 3110 N. Fitzhugh St., Dallas 4.

BECKER BROTHERS CARBON CO., 3450 S. Laramie Ave., Cicero 50, Ill.—Electrical Specialty Co., 316 11th St., San Francisco; 418 E. Third St., Los Angeles; 2406 First Ave. So., Seattle 4 and 1015 21st St., Denver 2.

BEEDE ELECTRICAL INSTRUMENT CO., INC., W. Canal St., Penacock, N. H.—Rudy Ferda, 950 N. Highland Ave., Hollywood, Calif.; P. J. Burrill, 2131 Washington Ave., San Leandro, Calif.; Allen I. Williams, 1009 17th St., Denver 2.

BELDEN MFG. COMPANY, 4647 W. Van Buren St., Chicago 44, Ill.—W. Kolans, 432 Shields Ave., San Francisco; J. Reed, 1369½ S. Mansfield St., Los Angeles 35; Harold W. Hofman, (Dist. Mgr.) 2912 Via Campo, Montebello, Calif.; R. E. Greenwood, 2230 Gerhart St., Monterey Park, Calif.; Marvin Hawkins, 9246 35th Ave., S.W., Seattle.

BELL ELECTRIC COMPANY, 1844-50 W. 21st St., Chicago, Ill.—J. H. Kay, 4807 Beverly Blvd., Los Angeles; John Carder, Jr. Co., 1624 N. First, Albuquerque.

BELL SOUND SYSTEMS, INC., 355 Marion Road, Columbus, Ohio—J. P. Hermans Co., 1234 Folsom St., San Francisco; H. A. Lasure Co., 2216 W. 11th St., Los Angeles 6; Dale G. Weber, 234 Sherlock Bldg., Portland; Gordon G. Moss, 1530 13th Ave., Greeley, Colo.

BENBOW MANUFACTURING CO.,
1000 Edison Way
Menlo Park, Calif.
Western representatives: McMillan-Stanley, 778 Natoma St., San Francisco; Schueler and Weston, 923 East Third St., Los Angeles 13; Equipment Supply Co., 16 Post Office Place, Salt Lake City 1.

BENDIX AVIATION CORP. (Bendix Radio) Joppa Road, Baltimore 4, Md.—Kane Company, 1355 Market St., San Francisco; Mulhausen-Hannegan Co., 8132 W. 3rd St., Los Angeles; D. E. Lindsay Co., 1233 N.W. 12th St., Portland; Neifran Co., 702 Ernest & Cranmer Bldg., Denver 2; J. M. Martin, 4304 Montrose Blvd., Houston.

BENDIX HOME APPLIANCES, INC., (Washer-Dryer) 3300 W. Sample St., South Bend, Ind.—Leo J. Meyberg Co., 33 Gough St., San Francisco and 2027 So. Figueroa St., Los Angeles; Harper-Meggee, Inc., in following cities: 1506 N.W. Irving, Portland; 960 Republican St., Seattle; 734 Division St., Spokane 8; Electrical Equipment Co., 424 N. Central Ave., Phoenix; Flint Distributing Co., 316 W. 2nd South St., Salt Lake City; Taylor Distributing Co., 2716 Montana Ave., Billings, Mont.; Larson Dist. Co., P. O. Box 4013, Denver.

BENJAMIN REEL PRODUCTS, INC., 10700 Broadway, Cleveland 25, Ohio—Colyear Motor Sales Co., in following cities: 1250 Van Ness Ave., San Francisco; 355 24th St., Oakland; 1323 S.Flower, Los Angeles; 230 W. B St., San Diego; 666 L St., Fresno; 1024 Bannock, Boise; 34 N.W. 8th St., Portland; 11th Ave. and East Pine, Seattle; W. 1026 Third Ave., Spokane.

BENJAMIN ELECTRIC MFG CO., DesPlaines, Ill.—Branch offices: C. O. Martin, Manager Pacific Coast Div., 829 Folsom St., San Francisco 7; G. A. Hochenauer, Mgr., 736 East Washington Blvd., Los Angeles 21; H. R. Huber, 3018 45th St., S.W., Seattle 6; L. M. Slusser, 318 Dooly Block, Salt Lake City 1; James H. Blinn Co., 1140 Spear Blvd., Denver 4. See ad 3rd cover.

BENT GLASS WORKS, INC., 85-25 126th St., Richmond Hill, N. Y.—Nathan Cohan, 945 E. Pico Blvd., Los Angeles, Calif.

BENTLEY-HARRIS MFG. CO., Conshohocken, Pa. — Western Fiberglas Supply Co., 739 Bryant St., San Francisco, and 937 So. Grand Ave., Los Angeles.

BERNS MANUFACTURING CORP., 2278 North Elston Ave., Chicago, Ill.—Frank H. Bran Co., 607 East Sixth St., Los Angeles 21; J. R. Christensen Agency, 524 F St., Salt Lake City; M. Levin, 2438 S.W. Fourth Ave., Portland 7.

BETHLEHEM PACIFIC COAST STEEL CORP., 20th and Illinois, San Francisco, Calif.—M. C. Peterson, Sales Manager, Bethlehem Pac. Coast Steel, San Francisco; Branch offices: Los Angeles, Seattle, Portland and Honolulu.

BIDDLE CO., JAMES G., 1316 Arch St., Philadelphia, Pa.—General Electric Supply, Westinghouse Electric Supply and Gray Electric Co., Inc., in all principal cities.

BIGNAL & KEELER DIV., John Raming Machine Co., 4591 McRee Ave., St. Louis, Mo.—W. F. Obear & Son, 10224 S. Figueroa St., Los Angeles; Perine Machinery & Supply Co., 1921 First Ave., So., Seattle; Jenison Machinery Co., 20th and Tennessee Sts., San Francisco 7.

BINGHAMTON FLEXIBLE SHAFT DIV., SWARTZ & WHITE MFG. CO., 486 Chenango, Binghamton, New York—A. J. Giesener Co., 975 Bryant St., San Francisco; Hickinbotham Bros. Ltd., 536 S. Aurora St., Stockton, Calif; Pacific Hdwe. & Steel Co., Inc., 1344 The Alameda, San Jose, Calif.

BIRD ELECTRONIC CORP., 1800 East 38th St., Cleveland, Ohio—Neely Enterprises, in following cities: 2830 Geary Blvd., San Francisco; 7422 Melrose Blvd., Hollywood 46; 8211 E. Central Ave., Albuquerque, N. M.; 309 Ochsner Bldg., Sacramento, Calif.

BISHOP MANUFACTURING CORP.,
254 West 31st St.,
New York City
Western representatives: W. E. Wallace, 3546 Lincoln Ave., Oakland, Calif.; Graybar Electric Co., 1750 Alameda St., San Francisco, Calif., and 1702 Cullen Blvd., Houston, Tex.; Edward F. Aymond, Jr., 4310 Maple Ave., Dallas.

BLACO MFG. CO. (formerly Blackburn Specialty Co.), 6541 Euclid Ave., Cleveland 3, Ohio—Leonard L. Minthorne Co., Weatherly Bldg., Portland 14; Harold A. Kittleson, 7614 Melrose Ave., Los Angeles 46.

BLACKBURN PRODUCTS CORP., JASPER, 35 Madison St., St. Louis, Mo.—L. W. Thompson, 232 S. Hill St., Los Angeles; (Ground rods only)—Kortick Mfg. Co., 345 First St., San Francisco 5; General Electric Supply Corp., in all cities. See ads pages 9 & 38.

BLACK & DECKER MFG. CO., Towson 4, Md.—Branch offices: 2613 Ross Ave., Dallas; 1010 Bannock St., Denver 4; 409 Velasco St., Houston; 1941 S. Flower St., Los Angeles; 9th and Bryant Sts., San Francisco 3; 434 8th Ave., No. Seattle; 1640 N.W. Johnson St., Portland 9.

BLACKHAWK MFG. CO., 5325 W. Rogers St., Milwaukee, Wis.—George A. Spohr, Dist. Manager, West Coast, 1012 Sunnyhills Rd., Oakland, Calif.; I. M. Gregory, 1292 Genevieve St., San Bernardino, Calif.; Art Comerford, Associate Dist. Mgr., 1918 West 97th St., Seattle; Tom Webb, 148 S. Swall Dr., Los Angeles.

BLACKSTONE CORPORATION, 1088 Allen St. Ext., Jamestown, N. Y.—Thompson-Diggs Co., 1355 Market St., San Francisco; H. E. Caygill Co., 409 E. Second St., Los Angeles; Love Electric Co., 318 Westlake No., Seattle; Butane Corp., 19th Ave & Linden, Phoenix; Robert F. Clark Co., 3062 Blake St., Denver; Gold "E" Distributors, Inc., 1905 E. Harbor Dr., San Diego; Tubbs Electric Co., 165 S. Post St., Spokane; Montana Gas Appliances, P. O. Box 2407, Salt Lake City; Stubbs Electric Co., 33 N.W. Park Ave., Portland.

BLAW KNOX CO., P. O. Box 1198, Pittsburgh, Pa.—Broadhead Steel Products Co., 17th Ave. and Wisconsin St., San Francisco 10; E. M. Ornitz, 215 West 5th, Los Angeles; W. G. Ballantyne Co., 1215 Northwest Everett St., Portland, Ore.; Wm. Z. Harrison Co., 436 Atlas Bldg., Salt Lake City; S. F. Patterson Co., 1717 West Austin St., Seattle.

BLOXHAM ENGINEERING, INC., 2610 9th St., Berkeley, Calif.

BODINE ELECTRIC CO., 2245 W. Ohio St., Chicago 12, Ill.—H. M. Hall, 411 S. Wall, Los Angeles 13; J. F. Cady, 995 Market St., San Francisco 3.

BOGEN CO., DAVID, 663 Broadway, New York City—George Norris, 2601 2nd Ave., Seattle 1.

BOOTH CO., ARTHUR E., 4124 Beverly Blvd., Los Angeles 4, Calif.

BOSTON INSULATED WIRE & CABLE CO., 65 Bay St., Boston, Mass.—Don Porter Co., 1117 So. Robertson Blvd., Los Angeles 35.

BOSTON WOVEN HOSE & RUBBER CO., Cambridge, Mass. — J. B. Lippincott Co., 461 Market St., San Francisco.

BOWERS BATTERY & SPARK PLUG CO., P.O. Box 1262, Reading, Penna.—Western Battery & Supply Co., 4201 Galapago St., Denver, Colo.

BOYCO, INC., 1589 Merchandise Mart, Chicago, Ill.—Mark Herschberg, 14860½ Dickens St., Sherman Oaks, Calif.

BRACH MFG. CORP., 200 Central Ave., Newark, N. J.—J. W. Marsh Company, 1515 W. Pico Blvd., Los Angeles 15.

BRADFORD MACHINE TOOL CO., 657 Evans St., Cincinnati, Ohio—Wesley Holm, 116 Cake St., Kirkland, Wash.; George S. Koch Associated, 420 Market St., San Francisco; Ray Cooper, 703 S. Palm Ave., Alhambra, Calif.

BRADY CO., W. H., 16 E. Spring St., Chippewa Falls, Wis.—Electrical Specialties Co. in following cities: 316 11th St., San Francisco 3; 418 E. Third St., Los Angeles 13; 2406 First Ave. So., Seattle 4; 1015 21st St., Denver 2; Graybar Electric Company in all principal cities.

BRAMMER MFG. CO., Davenport, Iowa—W. C. Rice Co., 1128 Mission St., San Francisco, Calif.

BRAND & CO., INC., WILLIAM, North and Valley Sts., Willimantic, Conn.—C. H. Mitchell Co., 1221 W. 11th St., Los Angeles; Allen I. Williams, Jr., 230 Cooper Bldg., Denver.

BRANDYWINE FIBRE PRODUCTS CO., 15th and Poplar Sts., Wilmington, Delaware—Electrical Specialty Co., 316 11th St., San Francisco, and 418 E. 3rd St., Los Angeles 13.

BREUER ELECTRIC MFG. CO., 5100 No. Ravenswood Ave., Chicago, Ill.—R. L. Kline, Western Div. Mgr., Box 636, Los Gatos, Calif. Sold thru leading distributors, jobbers and dealers in all cities.

BREWER-TITCHENER CORP., 111 Pt. Watson St., Cortland, N. Y.—Hi-Line Hardware material distributed through Insulator Manufacturers.

BRIDGEPORT BRASS CO., 30 Grand St., Bridgeport 2, Conn.—Branch Offices: I. L. Phelps, Dist. Mgr., 1155 Bryant St., San Francisco; Los Angeles and Denver.

BRIDGEPORT SWITCH CO., 209 Center St., Bridgeport, Conn.—Eckert Lloyd Co., 1045 Bryant St., San Francisco, and 2115 So. San Pedro, Los Angeles.

BRIEGEL METHOD TOOL CO., 104 N.E. First St., Galva, Ill.—Distributed by Western outlets for M. B. Austin Co., which are: James Blinn Co., 1140 Speer Blvd., Denver; Ernest F. Hauck, 383 Brannan St., San Francisco; J. G. Pomeroy Co., 1004 E. 4th St., Los Angeles; W. W. Wheat & Associates, 560 1st Ave. So., Seattle—Clayton Mark & Co. representatives: Hodges & Glomb, 1264 Folsom St., San Francisco; W. E. Young, 2134 Curtiss St., Denver; J. J. Rutkin, 937 Stanford Ave., Los Angeles; Clifton Conduit Co., representatives: Northwestern Agencies, 4130 1st Ave. So., Seattle; McMillen-Stanley Co., 778 Natoma, San Francisco; Northwest Sales Co., 1603 N.W. Johnson, Portland; Michel Bros., 206 E. 31st St., Los Angeles, and J. C. Coulson, 449 W. Jackson, Phoenix—Electric Eng. & Sales Corp., El Paso—Enameled Metals Co. representatives: Keeler, White Co., 615 7th St., San Francisco; 302 N.W. 4th St., Portland; 1041 6th Ave. So., Seattle, and Spokane; Fred E. Staible & Sons, 2046 Arapahoe, Denver, and Allied Industries, 412 Seaton St., Los Angeles—General Electric Co., thru General Electric Distributors, all principal cities; The Steelduct Co., distributors in all principal cities. See ad page 7.

BRIGHT LIGHT REFLECTOR CO., INC., 1730 State St., Bridgeport 5, Conn.—Frank H. Bran Co., 607 E. 6th St., Los Angeles 21; Everett T. Vonier, 1160 Elati, Denver 3; Harry A. Miller Co., 1902½ McKinney St., Dallas 1.

BRIGHT STAR BATTERY CO., 200 Crooks Ave., Clifton, N. J.—Branch Office: 1355 Market St. (C. G. McCowan, Br. Mgr.), San Francisco 3.

BRINNELL COMPANY, Hartford Ave., Granby, Conn.—The Westwood Sales Co., P. O. Box 177, Compton, Calif.; Wm. J. Cottrell Co., 309 S.W. 3rd Ave., Portland.

BRISTOL COMPANY, THE, 117 Bristol Rd., Waterbury 91, Conn.—Branch Office: 40 Berry St., San Francisco.

BRISTOL MOTOR COMPANY, THE, Coulter St., Old Saybrook, Conn.—Engineer Sales Co., 411 S. Wall St., Los Angeles.

BROAN MANUFACTURING CO., Inc.,
1669 N. Water St.,
Milwaukee, Wis.
Western representative: W. W. Grainger, Inc. (in following cities), 311 So. San Pedro, Los Angeles; 2520 Larimer St., Denver; 613 N.W. Davis St., Portland; 163 W. South Temple, Salt Lake City; 316 Occidental Ave., Seattle, and 822 W. 2nd St., Spokane; Pacific Electric Sales Co., 232 N.E. 9th Ave., Portland.

BROWN-BOVERI CORP., 17 Rector St., New York City 6—Bellove Company, 420 Market St., San Francisco.

BROWN-BROCKMEYER CO., INC., 1046 Smithville Rd., Dayton 1, Ohio—Ellis-Kuhn, 711 Gibbons St., Los Angeles; George Howe, 247 Irvington Ave., Daly City, Calif.; Western Elec., California Bldg., Stockton; George Shefler, P. O. Box 1587, Phoenix; Palmer D. Weeks, S.W. First and Stark, Portland, Ore.; J. R. Christensen, 524 F St., Salt Lake City.

BROWN INSTRUMENT CO., Wayne and Roberts Aves., Philadelphia 44, Penna.—Same Western offices as Minneapolis-Honeywell Regulator Co., this Directory.

BROWN COMPANY, 502 5th Ave., New York City 18—Branch Office: 58 Sutter St., Mr. Earl Van Pool, Regional Sales Mgr., San Francisco. Sold thru Westinghouse Electric Supply Co. all cities.

BROWNING LABORATORIES, INC., 750 Main St., Winchester, Mass.—Verner O. Jensen, 2616 2nd Ave., Seattle; David H. Ross Co., 1355 Market St., San Francisco; Henry Feldman, 1935 Bay St., Los Angeles.

BROWNING MFG. CO., Maysville, Ky.—Marwood Limited, 357 9th St., San Francisco; 320 E. 3rd, Los Angeles; 209 S.W. 1st Ave., Portland, and 1714 1st Ave. So., Seattle.

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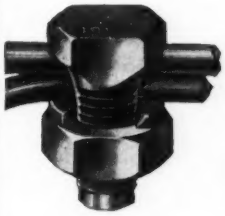
1140 Speer Blvd.
Denver 4
Phone KEystone 8131

LOS ANGELES
George P. Wilcox Company
674 West Washington Boulevard
Los Angeles 15
Phone PRospect 1165

SALT LAKE CITY
E. C. Coffin Co.
1661 E. 48th South
Salt Lake City 7

SEATTLE
Steel Service and Supply Co.
514 National Building
Seattle 4
Phone MAin 6168

L. B. ALLEN CO. INC. 6710 Bryn Mawr Ave. Chicago 31, Illinois



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JASPER BLACKBURN PRODUCTS CORP.

St. Louis 6, Mo.

BRUNDAGE COMPANY, No. Park, Kalamazoo 11, Mich.—Branch Office: 1117 2nd Ave. at Seneca (H. W. Winningham Co.), Seattle 1.

BRYANT ELECTRIC CO., 1421 State St., Bridgeport, Conn.—Branch Office: 3310 Leonis Blvd., Los Angeles 11, Calif.

BUCHANAN ELECTRICAL PRODUCTS CORP.,
1290 Central Ave., Hillside, New Jersey
Western representatives: F. M. Nicholas Co., 140 Spear St., San Francisco 3; Kenneth Anderson Co., 412 Seaton St., Los Angeles 13; Shaffer and Nelson Co., 312 Occidental Ave., Seattle 4, and 411 Weatherly Building, Portland. See ads pages 64, 65.

BUCKINGHAM MANUFACTURING CO., Travis and Bevier Sts., Binghamton, N. Y.—A. L. Dickson, Western Sales Manager, 2363 Greenfield Ave., Los Angeles 64; Western Hardware & Tool, San Francisco; Capital Hardware, Sacramento; Electric Supplies Dist. Co., San Diego; Ken H. Best, Seattle; Mallory Logging Equip. Co., Portland; Ryall Elec. Supply Co., Denver; Electric Supply Co., Albuquerque; Casper Supply Co., Casper, Wyo.; Montana Electric Co., Billings; The Falls Supply Co., Great Falls, Mont.; Osborne & Kitchen, Inc., Reno, Nev.; Arizona Wholesale Supply, Phoenix; Universal Safety Fire Equipment Co., Salt Lake City; Idaho Hardware & Plumbing Co., Boise; Coeur d' Alene; Hardware & Foundry, Wallace, Idaho; Missoula Mercantile, Missoula, Mont.; Phil Judd, Butte, Mont.; Pueblo Elec. Supply Co., Pueblo, Colo.

BUDA COMPANY, 154th and Commercial Sts., Harvey, Ill.—Branch Offices: Buda Engine & Equipment Co. in following cities: 2580 N.W. Upshur St., Portland 10; 2529 Chambers St., Los Angeles 58; 3407 Airport Way, Seattle 4; 2155 Lawrence, Denver 5; 145 N. Durbin, Casper, Wyo.; King-Knight Co., 360 Jefferson St., San Francisco 11; Utility Trailer Sales, S. Hwy. 99 at Orange Ave., Fresno; J. K. Wheeler Machinery Co., 171 W. South Temple St., Salt Lake City; Sierra Machinery Co., 307 Morrill Ave., Reno, Nev.; Industrial Supply Co., 1647 N. 2nd St., Albuquerque; Simson-Maxwell, Ltd., 1931 W. Georgia St., Vancouver, B. C.

BUFFALO FORGE CO., 490 Broadway, Buffalo, N. Y.—Branch Offices: Central Tower, San Francisco; A. T. Robertson Co., 500 1st Ave. So., Seattle; Halladay & Knauff, Los Angeles; Pace-Turpin & So., Salt Lake City.

BULLDOG ELECTRIC PRODUCTS CO., 7610 Jos. Campau Ave., Detroit, Mich.—Safety Switchboard & Mfg. Co., 1445 Stevenson St., San Francisco; Paul L. Mullenbach Co., 3008 E. Olympic Blvd., Los Angeles; Coast Electric & Mfg. Co., 1720 N.E. 6th Ave., Portland.

BUNTING BRASS & BRONZE CO., THE, 715 Spencer St., Toledo, Ohio—Branch Offices: 277 7th St., San Francisco, and 240 W. 18th St., Los Angeles. Distributors: Tri-State Supply in following cities: 544 S. San Pedro, Los Angeles, 554 Bryant St., San Francisco, and 318 Occidental, Seattle; L. L. Burror & Co., 1126 8th Ave., Oakland; Oscar F. Williams, 1443 4th Ave., San Francisco; C. E. Riggs, 711 N.W. Everett, Portland.

BURBANK ELECTRICAL PRODUCTS, 215 W. Palm Ave., Burbank, Calif.—Sold thru electrical wholesalers.

BURDICK CORP., 635 Plumb St., Milton, Wis.—Al Bush Elec., 563 Sutter St., San Francisco; R. L. Scheerer Co., 2206 W. 7th St., Los Angeles, and J. J. Ambrose, 5117 Mt. Helena Ave., Los Angeles.

BURGESS BATTERY COMPANY, Freeport, Ill.—Branch Offices: V. T. Rupp, 1150 W. Olympic, Los Angeles; D. Miller, 8341 16th Ave. N.W. Seattle; George H. Curtiss, Jr., 222 29th St., Oakland 11, Calif.; Calif.-Arizona Sales Agency, 301 W. G St., San Diego

BURKE ELECTRIC CO., 1202 Cranberry St., Erie, Pa.—J. B. Colesworthy, 1709 E. 8th St., Los Angeles; Star Machinery Co. in following cities: 801 S.W. Front St., Portland; 1741 1st Ave. So., Seattle 4, and 415 Sprague Ave., Spokane; Wayne Elec. & Mfg. Co., 344 W. 8th St., Salt Lake City.

BURLINGTON INSTRUMENT CO., 203 N. 3rd St., Burlington, Iowa—Fred W. Carlson, 307 Wall St., Seattle; E. G. Hendrickson, 1717 W. Broadway, Spokane; David H. Ross Co., 104 9th St., San Francisco; J. E. Edstrom, 515 S.W. 13th Ave., Portland. Frazar & Hansen, Ltd. (Export), 301 Clay St., San Francisco.

BURNDY ENGINEERING CO., Inc.,
107 Bruckner Blvd., New York City 54
Western representatives: George E. Honn Co., 420 Market St., San Francisco 11; Earl S. Condon Co., 1151 So. Broadway, Los Angeles 15; Fred W. Carlson, 2307 5th Ave., Seattle 1, and 519 N.W. Park Ave., Portland 5.

BURNHAM CORPORATION, Zanesville, Ohio—Bruce-Emmett Co., 618 N.W. Hoyt, Portland; C. D. Draucker, 2707 San Fernando Road, Los Angeles; Milton T. Chase, 1337 44th Ave. S.W., Seattle.

BURNLEY BATTERY & MFG. CO., 103 Clay St., North East, Pa.—Joslyn Co. of California in following cities: 5100 District Blvd., Los Angeles; 180 Potrero St., San Francisco; 1523 N.W. Kearney St., Portland, and 2424 1st Ave. So., Seattle.

BURPEE CAN SEALER CO., 128 W. Liberty, Barrington, Ill.—Paul Rice, 1355 Market St., San Francisco; Earl Eckstrom, 2601 2nd Ave., Seattle; Mel Pearson, 1011 S. Josephine St., Denver.

BURTON-ROGERS CO., 292 Main St., Cambridge 42, Mass.—G. A. Snoemaker, 574 Eddy St., San Francisco; Harvey Shoemaker, 1501 S. Hope St., Los Angeles; H. M. Dingley, 4215 E. 82nd St., Seattle; J. H. Dolliver, 12th and Bannock, Denver.

BUSSMAN MFG. CO., University at Jefferson, St. Louis 7, Mo.—Branch Offices: Western Div. Mgr., O. A. Alderman, 4545 51st Ave. N.E., Seattle 5; District Managers: N. S. Beyer, 574 Eddy St., San Francisco; W. J. Wilt, 409 E. Norwood Pl., San Gabriel; J. A. Derque, 7527 So. Gretna, Whittier, Calif.; H. L. David, 4535 Batavia Pl., Denver 7. See ad page 11.

C-O-TWO FIRE EQUIPMENT CO., P. O. Box 390, Newark 1, N. J.—Branch Offices: 1177 Mission St., San Francisco 3, and 1538 Esperanza St., Los Angeles.

CABLE ELECTRIC PRODUCTS, INC., 234 Daboll St., Providence, R. I.—The Frank H. Bran Company, 607 E. 6th St., Los Angeles; C. A. King Co., 2323 2nd Ave., Seattle; Allen B. Carpenter Co., 820 12th St., Denver; H. D. Puckett, P. O. Box 1484, Dallas.

CALABAR CORP., 8414 Otis St., South Gate, Calif.—Whiting Corp., 5649 Alhambra Ave., Los Angeles, Stanley E. Morris Co., 5584 Alhambra Ave., Los Angeles; Fred W. Schlapp, 204 Davis St., San Francisco; California Tramrail Co., 20 Lucerne St., San Francisco; Hathaway-Thurlow Co., 1534 Palm Ave., Seattle; Air Mack Equipment Co., 614 Elliot West, Seattle, and 1415 S.E. 8th St., Portland.

CALIFREEZE, INC., 383 Brannan St., San Francisco, Calif.

CAL-LITE, INC., 12600 S. Yukon Ave., Hawthorne, Calif.

CAM TOOL CO., INC., 288 21st St., Oakland, Calif.; Auto Parts Warehouse, 3219 S. Figueroa, Los Angeles; R. K. Flanagan, 1100 E. Pike St., Seattle; Don Smith, 24 E. 9th Ave., Denver; L. D. Tuttle Co., 1711 Cochran St., Dallas.

CAMFIELD MANUFACTURING CO. 718 N. 7th St., Grand Haven, Mich.—Les Taufenbach, 515 Architects Bldg., Los Angeles; Allen B. Carpenter Co., 820 12th St., Denver; Don H. Burcham Co., 317 S.W. Oak St., Portland; Hunter Michaels, 3012 Maple St., Dallas.

CANNON ELECTRIC DEVELOPMENT CO.,
3209 Humboldt St., Los Angeles 31, Calif.
Western representatives: Wm. V. Brainerd, 30 Harriet St., San Francisco 3; Douglas H. Loukota, 1052 W. 6th St., Los Angeles; James J. Backer Co., 2321 2nd Ave., Seattle 1.

CAPEHART - FARNSWORTH CORP., 3700 Pontiac, Fort Wayne 1, Ind.—Thompson & Holmes, Ltd., 650 2nd St., San Francisco; Ray Thomas Co., 1601 S. Hope St., Los Angeles 15; Central Distributors, 1131 S.W. Washington, Portland; Seattle Radio Supply, 2117 2nd Ave., Seattle; Standard Sales, Inc., 1219 W. 1st Ave., Spokane 8; S. R. Ross, Inc., 1212 S. State St., Salt Lake City; D N. Latus & Co., 1531 National Ave., Helena, Mont.

CAPITAL INDUSTRIES, INC., 1623 S.E. 6th Ave., Portland, Ore.

CARBOLOY CO., INC., 11159 E. Eight Mile Road, Detroit 32, Mich.—Branch Office: Huntington Park, Calif. District Manager, R. D. Mack. Sold thru wholesalers.

CARBONE CORPORATION, 400 Myrtle Ave., Boonton, N. J.—Muth-Richards, 2605 Western Ave., Seattle; C. E. Klaus, 303 S.W. 1st Ave., Portland; Dom Politeo, 547 Howard St., San Francisco.

CARDOX CORPORATION, 307 N. Michigan Ave., Chicago 1, Ill.—Branch Offices: A. K. Wayman, 151 North Ave. 19, Los Angeles; James T. Swim, 2600 Harrison, San Francisco, and Walter Oliver, 312 11th Ave., San Diego.

CARLING ELECTRIC, INC., 505 New Park Ave., West Hartford 10, Conn.—A. J. Nelson Co., P. O. Box 2244, Denver; Paul F. Wiley, 1406 S. Grand Ave., Los Angeles; Hy-G Products Co., 6633 McKinley Ave., Los Angeles 1; Albert S. Knight, 80006 Western Ave., Seattle 1.

CARPENTER STEEL CO., Springfield Road, Union, N. J.—Branch Office: 24 California St., San Francisco 11. Distributors: Electric Steel Foundry Co., 2141 N.W. 25th Ave., Portland 10; 2724 1st Ave. S., Seattle 4; 249 1st St., San Francisco 5; 4600 Pacific Blvd., Los Angeles 11.

CARRIER CORPORATION, 300 S. Geddes St., Syracuse, N. Y.—Branch Offices: 251 First St., San Francisco; 1500 S. Santa Fe Ave., Los Angeles; 1718 California St., Denver; 710 N. Harwood St., Dallas; 911 Electric Bldg., Houston.

CASCO PRODUCTS CORP., 512 Hancock Ave., Bridgeport, Conn.—Cochrane Bros., 1148 S. Grand Ave., Los Angeles, and 1355 Market St., San Francisco; Allen B. Carpenter Co., 820 12th St., Denver; O. M. Thompson Co., 13005 8th Ave. N.W., Seattle; John Mandell, 7722 Eastern Ave., Dallas.

CASH VALVE MFG. CORP., A. W. Wabash & Morgan, Decatur, Ill.—Paul S. Robinson, 2025 Beverly Blvd., Los Angeles, Calif., and John J. Logue, 1500 Magnolia St., San Carlos, Calif.

CARTER MOTOR CO., 2644 N. Maplewood Ave., Chicago, Ill.—Branch Offices: Harold Newman, 420 Market St., San Francisco; W. Cliff McLoud, 5528 E. Colfax, Denver; Perlmuth Coleman & Associates, 1335 So. Flower St., Los Angeles 15; Northwestern Agencies, 4130 First Ave. So., Seattle 4.

CATALIN CORP., 1 Park Ave., New York City—Electrical Specialty Co., 316 11th St., San Francisco; 418 E. Third St., Los Angeles 13; 2406 First Ave. So., Seattle; 1015 21st St., Denver 2.

CATHO-LITE CO., INC., 4122 W. Belvedere Ave., Baltimore 15, Md.—E. G. Hendrickson & Associates, 1717 W. Broadway, Spokane, Wash.

CENTRAL PORCELAIN CO., Railroad St., Columbiana, Ohio—A. B. Murphy Co., 228 9th St., San Francisco.

CENTURY ELECTRIC CO., 1806 Pine St., St. Louis, Mo.—Branch Offices: 557 Monadnock Bldg., San Francisco; 1855 Industrial St., Los Angeles; 1518 1st Ave. So., Seattle; Agents—Tad J. Stevens, 41 P. O. Place, Salt Lake City; Mark G. Mueller, 1644 Blake, Denver.

CENTURY LIGHTING, INC., 419 W. 55th St., New York City—J. Turner, 420 Market St., San Francisco.

CERTIFIED FLEXIBLE COUPLINGS, 369 Lexington Ave., New York City 17—Brooks Equip. Co., 636 Potrero St., San Francisco; W. G. Ballantyne Co., 1215 N.W. Everett, Portland.

CHACE CO., W. M., 1600 Beard Ave., Detroit, Mich.—E. A. Wilcox Co., in following cities: 277 7th St., San Francisco; 406 So. Main, Los Angeles 13, and Arctic Bldg., Seattle 4.

CHAMPION BLOWER & FORGE CO., Lancaster, Pa.—Baker-Hamilton, San Francisco; Mine & Smelter Supply Co., Salt Lake; Union Hardware & Metal, Los Angeles; Schwabacher Hardware, Seattle; J. E. Haseltine, Portland.

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CHAPMAN VALVE MFG. CO., Indian Orchard, Mass.—Branch Offices: 564 Bryant St., San Francisco, and 609 So. Anderson St., Los Angeles.

CHASE BRASS & COPPER CO., 236 Grand St., Waterbury 20, Conn.—Branch Offices: 1421 Court Place Denver 2; 210 So. Central Ave., Los Angeles 54; 680 Second St., San Francisco 7, and 1957 First Ave. So., Seattle 4.

CHASE-SHAWMUT CO., 374 Merrimac St., Newburyport, Mass.—Garnett Young & Co., in following cities: 910 E. Third St., Los Angeles; 390 Fourth St., San Francisco, and 503 Polson Bldg., Seattle; Allen B. Carpenter Co., 820 12th St., Denver 4; Jack Morgan, 1312 McKinney Ave., Dallas.

CHELSEA FAN & BLOWER CO., INC., 639 South Ave., Plainfield, N. J.—Kenneth Anderson Co., 112 Seaton St., Los Angeles; F. M. Nicholas Co., 140 Spear, San Francisco; W. W. Wheat & Son, 560 First Ave. South, Seattle 4.

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CHICAGO ELECTRIC MFG. CO., 6333 W. 65th St., Chicago 38, Ill.—Ben P. Davis, 5317 Hartwick St., Los Angeles.

CHICAGO EXPANSION BOLT CO., 1338 W. Concord Pl., Chicago, Ill.—Clark & Sawyer, 600 Mateo, Los Angeles; James M. Owen Co., 1006 Lowman Bldg., Seattle; Seattle Screw Co., 84 University, Seattle; Portland Screw Co., 36 S.W. 3rd St., Portland; Austin Brothers, P. O. Box 990, Stockton, Calif.

CHICAGO PNEUMATIC TOOL CO., 6 E. 44th St., New York City—H. P. Hansen, 655 Santa Fe Ave., Los Angeles; M. C. Lehmkuhl, 855 Bryant St., San Francisco 3; E. J. Hegre, 1928 First Ave. So., Seattle 4.

CHICAGO METAL HOSE CORP., 1315 So. 3rd Ave., Maywood, Ill.—Branch Office: R. P. Anthonisen, 637 Powell St., San Francisco; Distributor: L. A. Rubber & Asbestos Works, 124 East 3rd St., Los Angeles.

CHICAGO TRANSFORMER DIV., Essex Wire Corp., 3501 W. Addison, Chicago, Ill.—Branch office: 1077 Howard St., San Francisco; 2030 Sacramento St., Los Angeles.

CHRYSLER CORP., Airtemp Div., 1600 Webster St., Dayton, Ohio—Branch Office: 1440 Broadway, Oakland, Calif.; 1700 Commerce St., Dallas.

THE CINCINNATI TIME RECORDER CO., 1733 Central Ave., Cincinnati, Ohio—Los Angeles Stamp & Stationery Co., 1500 S. Los Angeles St., Los Angeles; Business Appliance Co., 525 Market St., San Francisco; Thunderbird Sales Corp., 410 S. First St., Phoenix; The Sachs-Lawlor Co., 1543 Larimer St., Denver; Baker Co., Inc., 2700 Second Ave., Seattle; Time & Instrument Co., 57 Richards St., Salt Lake City; J. E. Allen & Co., 5247 N.E. Sandy Blvd., Portland; General Electronics Co., Inc., 5424 Lawndale Ave., Houston.

CIRCLE F. MFG. CO., 720 Monmouth St., Trenton, N. J.—Keeler White Co., in following cities; 436 Colyton St., Los Angeles; 302 N.W. 4th Ave., Portland; 615 7th St., San Francisco; 1041 Sixth Ave. South, Seattle; S. 121 Madison, Spokane; and Felix Simon, P. O. Box 614, Denver.

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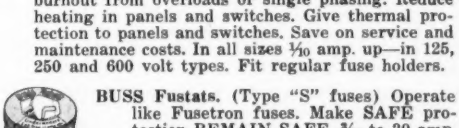

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COATES ELECTRIC MFG. CO., 3610 First Ave. So., Seattle 4, Wash.—H. J. Randolph Co., 650 S. Grand Ave., Los Angeles 17.

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COFFING HOIST CO., 800 Walter St., Danville, Ill.—Ralph Ratcliff, 1300 Sunnyslope Ave., Belmont, Calif.; Ray Doan, 2254 Goldsmith Road, Houston, and F. R. Elsner, 842 S. York, Denver.

COLE & CO., INC., C. W., 320 E. 12th St., Los Angeles 15, Calif.—Dan H. Rudke Co., 754 Natoma St., San Francisco; Zack Cottongym, 2408 2nd Ave., Seattle.

COLE ELECTRIC COMPANY, 8439 Steller Dr., Culver City, Calif.—Earl S. Condon Co., 1151 S. Broadway, Los Angeles 15; C. E. Ingalls & Sons, 541 Monadnock Bldg., San Francisco 5; Fred W. Carlson, 307 Wall St., Seattle; J. Edward Edstrom, 519 N.W. Park Ave., Portland 9; C. A. D. Young, 726 Colorado Bldg., Denver; Elgin B. Robertson, Inc., 4101 San Jacinto St., Houston 4, and Box 745, Dallas 1.

COLE INSTRUMENT CO., 1320 Grand Ave., Los Angeles, Calif.—Belilove Company, 420 Market St., San Francisco; Wm. S. Bryan, 512 N. 83rd St., Seattle; Pace-Thurpin & Co., 726 S. 3rd West St., Salt Lake City; Wm. J. Cottrell Co., 309 S.W. 3rd Ave., Portland; Edwin C. Dunn, P. O. 268, Littleton, Colo.

COLLMAN MFG. CORP., 421 W. 12th St., Erie, Pa.—Charles A. Holman, 1206 N. 47th St., Seattle 3.

COLLYER INSULATED WIRE CO. 249 Roosevelt Ave., Pawtucket, R. I.—Allied Industries, Inc., 412 Seaton, Los Angeles, Calif.

COLONIAL ELECTRIC PRODUCTS, INC., 115 Market St., East Paterson, N. J.—H. M. Stein, 444 S. Cloverdale Ave., Los Angeles.

COLONIAL-PREMIER CO., 466 W. Superior St., Chicago, Ill.—Al Ullman, 119 42nd Ave., San Mateo, Calif.; Appliance Distributors, Wazee Market, Denver; Household Associates, 6923 Snider Plaza, Dallas.

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COLUMBIA ELECTRIC & MFG. CO., W. 1024 Ide Ave., Spokane, Wash.—General Electric Supply Corp., all cities.

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COLUMBIA WIRE & SUPPLY CO., 2850 W. Irving Park Road, Chicago, Ill.—Frank Wedel Co., 8041 12th Ave. N.E., Seattle 5; David H. Ross Co., 1355 Market St., San Francisco 3; Davis-Wiley Co., 1406 S. Grand Ave., Los Angeles 15.

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COMPCO CORPORATION, 2251 W. St. Paul Ave., Chicago 47, Ill.—Army & Feigel, 4209 Parry Ave., Dallas.

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CONDUIT NIPPLE MFG. CO., 1455 Spring Garden Ave., Pittsburgh, Pa.—Electrical Industries, 1135 Harrison St., San Francisco; J. C. Richards & Co., 335 Towne Ave., Los Angeles; Pacific Electric Sales Co., 232 N.E. 9th Ave., Portland.

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CONNECTICUT HARD RUBBER CO., 407 East St., New Haven, Conn.—Western Hardware & Tool Co., 97 9th St., San Francisco; Western Fiberglas Corp., 937 S. Grand Ave., Los Angeles, and 739 Bryant St., San Francisco; George Gibson, Los Angeles.

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COTTRELL PAPER CO., INC., Rock City Falls, N. Y.—Tri-State Supply Corp., in following cities: 544 S. San Pedro St., Los Angeles; 554 Bryant St., San Francisco; 318 Occidental Ave., Seattle 4; Urquhart Service, 1550 Blake St., Denver 2.

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CRESCENT INSULATED WIRE & CABLE CO., North Olden Ave., Trenton, N. J.—Murphy-Hain Co., 720 E. 2nd St., Los Angeles 12; Shaffer & Nelson Co., 312 Occidental Ave., Seattle 4, and 411 Weatherly Bldg., Portland.

CRESCENT TOOL CO., 200 Harrison St., Jamestown, N. Y.—Sold thru all leading hardware jobbers.

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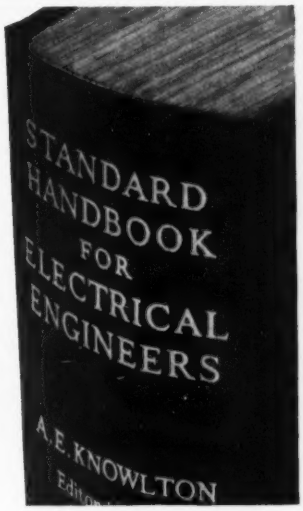

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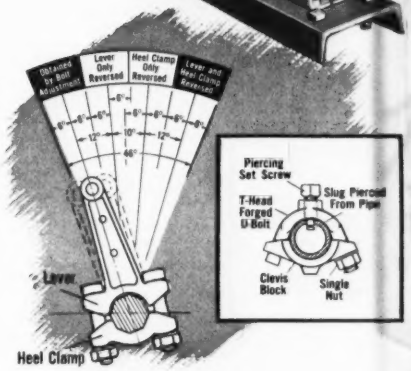

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Western representatives: Bracken Sales Agency, 923 E. Third St., Los Angeles; Arno Agencies, Inc., 4016 14th Ave. South, Seattle.

ELECTROLUX, INC., 500 5th Ave., New York City—Branch Office: 995 Market St., San Francisco.

ELECTROMODE CORP., 45 Crouch St., Rochester, N. Y.—Russell & Co., 1355 Market St., San Francisco; J. E. Shull, 350 So. Central Ave., Los Angeles; John W. Ladlow, P. O. Box 1784, Phoenix; R. C. Boscoe, 919 Second Ave., Seattle; James E. Gray Co., P. O. Box 1019, Denver 1. See ad p. 57.

ELECTRON CORP., 5200 So. Santa Fe Drive, Denver, Colo.

ELECTRON EQUIPMENT CORP., 917 Meridian Ave., South Pasadena, Calif.—Industrial Associates, Inc., 8845 Olympic Blvd., Beverly Hills, Calif.

ELECTRONIC MECHANICS, INC., 70 Clifton Blvd., Clifton, N. J.—Electrical Specialty Co., 316 Eleventh St., San Francisco; Lawrence M. Harris, 2430 Anzio Dr., Dallas, and Edward F. Aymond Co., 4310 Maple Ave., Dallas.

ELECTRONIC SIGNAL CO., Inc., 541 Willis Ave., Williston Park, N. Y.—Toumey Electric & Eng. Co., 115 Steuart St., San Francisco.

ELECTRONIC SPECIALTY CO., 3456 Glendale Blvd., Los Angeles, Calif. — Westinghouse Electric Supply, General Electric Supply, and Graybar, all principal cities.

ELECTRO SWITCH CORP., 193 Broad St., Weymouth 88, Mass.—E. B. Cook, 1063 Howard St., San Francisco 3.

ELECTRO - VOICE, INC., Carroll and Cecil Sts., Buchanan, Mich.—A. J. Hitt, 1355 Market St., San Francisco; Milton D. Ealy, 633 So. LaBrea, Los Angeles 36; George D. Norris Co., 3010 First Ave., Seattle 1; W. Clif McLoud & Co., 5522 East Colfax Ave., Denver 7.

ELGO SHUTTER & MFG. CO., 2738 West Warren Ave., Detroit, Mich.—May-Air Co., 1301 10th St., Modesto, Calif.; A. A. Maycock Co., 234 7th St., Salt Lake City.

ELLIOTT CO., N. Fourth St., Jeannette, Pa.—Burlingham-Meerer Lime Co., Amity, Ore.; Carrington Co., 91 Columbia St., Seattle; Daley Elec. Co., 960 E. Van Buren, Phoenix, and Electric Products, Inc., 213 S. 7th Ave., Phoenix; S. N. Feldman, 3370 Adeline St., Berkeley 3; Gough Industries, 819 E. First St., Los Angeles 54; J. C. McDougall, 520 First Ave. South, Seattle; Preferred Equipment, Inc., 4232 E. Whiteside St., Los Angeles 33; Electric Products, Inc., 212 So. 7th Ave., Phoenix; Star-Delta Electric Works, 279 Fremont, San Francisco; Zidell Machinery Supply Co., 3121 Southwest Moody, Portland.

ELPECO, Bethlehem, Pa. (Formerly Elec. Power Equipment Co.)—C. E. Ingalls, Monadnock Bldg., San Francisco; L. W. Thompson, 232 So. Hill St., Los Angeles; J. C. McDougall, 520 1st Ave. So., Seattle; C. F. Cate, El Paso; R. F. Hamilton & Associates, Denver.

ELRECO CORPORATION, 2900 Cormany St., Cincinnati 25, Ohio —Dom. Politeo, 547 Howard St., San Francisco; A. W. Arlin, 1812 W. Silver Lake Dr., Los Angeles; J. W. Watkins, 530 Skinner Bldg., Seattle 1; Hendrie & Bolthoff Co., 1635 Seventeenth St., Denver 17; Frobes Co., 114 West Broadway, Salt Lake City 1.

ELWELL - PARKER ELECTRIC CO., 4252 St. Clair Ave., Cleveland 3, Ohio—Colby Steel & Mfg. Co., 525 Central Bldg., Seattle 4; L. G. Perin Co., 575 Howard St., San Francisco 5, and 1612 Maple Ave., Los Angeles 15.

ELK-MANSTER, INC., 601 E. Crosier, Akron, Ohio—Southern Sales Co., 1100 E. Colorado, Pasadena, Calif.; E. G. Kent, 631 Pollard Road, Campbell, Calif.

EMERSON ELECTRIC MFG. CO., 8100 Florissant Ave., St. Louis 21, Mo.—West Coast States: Mr. R. E. Bretscher, 1860 La Loma Road, Pasadena, Calif. Sold thru leading distributors in all principal cities.

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EMPIRE IRONER, INC., 37-08 Northern Blvd., Long Island City 1, N. Y.—Charles E. Johnson, P. O. Box 7892, Los Angeles 15.

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Western representatives: Walter E. Wallace Co., 3546 Lincoln Ave., Oakland 2, Calif.; W. A. McGuire, 923 E. Third St., Los Angeles 13; F. L. Guenther, 1208 First Ave., Seattle 1.

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It's The STRAIGHT LINE MOTION That Makes The Difference

All high voltage disconnects, including the ISOLATOR, have insulators, an upper and lower contact, and a movable member.

What is it then, that gives the ISOLATOR its superiority?

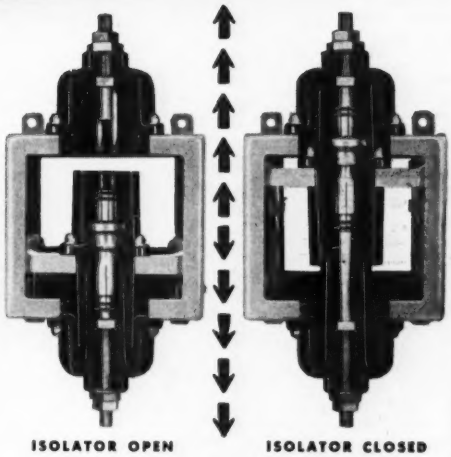
The answer can be given in four words.

THE STRAIGHT LINE MOTION

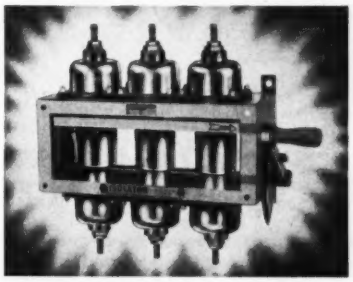
The straight line motion of the ISOLATOR permits the insulator units to take the form of bushings. The middle bushings telescope inside the upper and lower ones effectively shielding live parts. Furthermore the stud terminals in the upper and lower bushings are arranged for easy taping. Consequently, the ISOLATOR provides protection against accidental shock.

The straight line motion working in conjunction with the telescoping action of bushings save space because the overall dimensions of the ISOLATOR remain constant in both its open and closed positions.

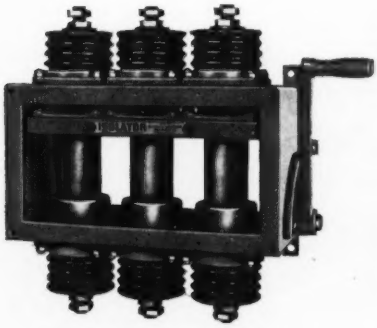
The insulator bushings also act as barriers between phases eliminating the necessity for using the customary flash barriers.



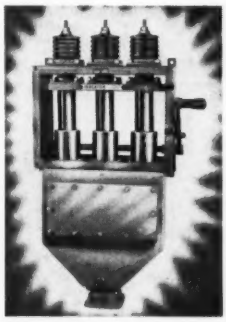
ISOLATOR OPEN ISOLATOR CLOSED



Cat. ST-603-3 3.P.S.T.200 ampere 3000 volt ISOLATOR



Cat. ST-106-7 3.P.S.T.600 ampere 7500 volt ISOLATOR



Cat. SC-102-55 3.P.S.T. 400 ampere 15kv CABLE ISOLATOR

Combined with a Cable End Bell body the ISOLATOR becomes a Cable ISOLATOR. This constitutes a disconnect and a Cable End Bell in one compact piece of equipment, saving space, materials and installation labor.

Ask For Bulletin 140

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EVERHOT MFG. CO., 57 S. 19th Ave., Maywood, Ill.—Los Angeles Stam & Stay, Co., 1500 S. Los Angeles St., Los Angeles; Patrick & Moise-Klinker Co., 560 Market St., San Francisco 4; C. O. Armstrong, 267 12th St., Oakland 7.

EVERSON ELECTRIC CO., 1126 Union Blvd., Allentown, Pa.—Dom Politeo, 546 Howard St., San Francisco 5; Electrical Specialty Co., 1015 21st St., Denver, 2.

EVERSTICK ANCHOR CO., 9th & Kirkwood St., Fairfield, Iowa—Joslyn Pacific Co., San Francisco, Los Angeles, Seattle and Portland; Graybar Electric Co., Inc., San Francisco, Denver; Westinghouse Electric Supply Co., all principal cities; Paul A. Douden Co., and Hendrie & Bolthoff Co., Denver. See ad page 18.

EXECUTONE, INC., 415 Lexington Ave., New York City—Executone Systems Co., 6 Cortland Ave., Fresno, Calif.; 2200 Marengo St., Los Angeles, and 1028 S.W. Third Ave., Portland; Brandenburg & Co., 404 Market St., San Francisco.

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FARIES MANUFACTURING CO., 1050 E. Grand Ave., Decatur, Ill.—Floyd Yudelson, 1151 S. Broadway, Suite 646, Los Angeles 15.

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FARRELLOY CO., 1245 N. 26th St., Philadelphia, Pa.—Hodges & Glomb, Inc., 1264 Folsom St., San Francisco; O. W. Coombs, 1026 S. Olive St., Los Angeles.

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FAST & CO., John E., 3141 N. Crawford Ave., Chicago 41, Ill.—R. E. Cunningham & Co., 628 David Hatton, c/o Pacific Wholesale Co., 961 N. Loring St., Portland 12. See ad page 18.

FEDDERS-QUIGAN CORP., 57 Tonawanda St., Buffalo, N. Y.—G. R. Pizarro, 1517 Glendon Ave., W. Los Angeles.

FEDERAL ELECTRIC PRODUCTS CO., 50 Paris St., Newark 5, N. J.—Branch Office; L. P. Shelley, Western Div. Mgr., 2885 E. Washington Blvd., Los Angeles 23, W. E. Coburn, 317 Broadway, Oakland; Eric Nelson, 312 Occidental Ave., Seattle 4; Shaffer & Nelson, Inc., 411 Weatherly Bldg., Portland; Gaer-Florance, 2052 Humboldt, Denver.

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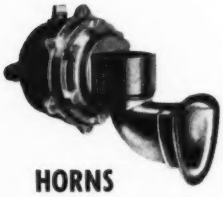

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FRANKLIN CO., INC., L. K., 1241 S. Hill St., Los Angeles, Calif.—Sold thru jobbers.

FRANKLIN MFG. CORP., A. W., 175 Varick St., New York City—Harry A. Lasure Co., 2216 W. 11th St., Los Angeles.

FREE SEWING MACHINE CO., Rockford, Ill.—Sold thru Westinghouse Electric Supply all principal cities.

FRESH'nd-AIRE COMPANY, 221 N. La Salle St., Chicago, Ill.—E. H. Sager, Western Dist. Mgr., 3711 Wilshire Blvd., Los Angeles. Clyde Allen Co., 1355 Market St., San Francisco; James P. Stewart Co., Portland Merchandise Mart, Portland.

FRETZ-MOON TUBE CO., INC., Butler, Pa.—Incandescent Supply Co., San Francisco.

FRIEZ INSTRUMENT DIV., Bendix Aviation Corp., Taylor Ave., Baltimore 4, Md.—Branch Office: 1430 Grande Vista, Los Angeles.

FRIGIDAIRE DIV., General Motors Corp., 200 Taylor St., Dayton 10, Ohio—Branch Offices: W. I. Buchanan, Western Regional Mgr., 1355 Market St., San Francisco; R. E. Robertson, Asst. to West. Reg. Mgr., 1355 Market St., San Francisco; H. J. Miller, Branch Mgr., Frigidaire Sales Corp., 1250 53rd St., Oakland; F. M. Drake, Branch Mgr., 1147 S. Hope St., Los Angeles.

FRINK CORPORATION, THE Bridge Plaza North, Long Island City, N. Y.—James Mundstock, 320 Market St., San Francisco; L. E. Therkelsen, 2583 Canyon Dr., Los Angeles.

FULLERTON MFG. CORP., 17 Chestnut St., South Norwalk, Conn.—W. J. Huemmer, Dallas Transfer & Terminal Warehouse Bldg., Dallas; L. Black, 4806 Santa Monica Blvd., Los Angeles.

FULLMAN MFG. CO., 1209 Jefferson St., Latrobe, Pa.—L. F. Church Co., 750 Natoma St., San Francisco; J. C. Richards & Co., 433 Colyton St., Los Angeles; Ernest G. Hendrickson, No. 119 Post St., Spokane; Harvey M. Olmstead Co., 1534 Waxee St., Denver.

FULTON ELECTRIC MFG. CO., 38-44 N. 2nd Ave., Mt. Vernon, N. Y.—James Mundstock, 320 Market St., San Francisco 11.

FURNAS ELECTRIC CO., 1000 McKee St., Batavia, Ill.—O. E. Warburg, 1207 E. Eighth St., Los Angeles 21; Western Transmission Co., 4271 S.E. Stark St., Portland 15; R. H. Fisher Co., 288 7th St., San Francisco 3.

FUSITE CORPORATION, 5324 Carthage Ave., Cincinnati, Ohio—Northwest Sales & Eng. Service Co., 915 Terminal Sales Bldg., Seattle 1.

G.C.A. MFG. CO., 346 Wahconah, Pittsfield, Mass.—Sold thru General Electric Supply Corp., Westinghouse Supply Corp., Graybar Electric Co., Inc., Line Material Co., Joslyn Pacific Co., in all principal cities.

G-M LABORATORIES, INC., 4300 N. Knox Ave., Chicago 41, Ill.—Eric F. Chemnitz Co., 1355 Market St., San Francisco, and 1148 S. Grand Ave., Los Angeles 15; Earl E. Eckstrom & Associates, 2601 Second Ave., Seattle 1.

G & W ELECTRIC SPECIALTY CO., 7780 Dante Ave., Chicago, Ill.—W. R. Hendrey Co., Smith Tower Bldg., Seattle; C. E. Ingalls & Sons, Monadnock Bldg., San Francisco; R. E. Cunningham & Son, Pacific Mutual Bldg., Los Angeles; Mountain States Machinery Co., 1526 Blake St., Denver, Riter Eng. Co., Kearns Bldg., Salt Lake City; F. W. Gorman, 1701 Texas St., El Paso.

GALVIN MFG. CORP., 4545 Augusta Blvd., Chicago 51, Ill.—J. M. Tuttle, Regional Manager, 1355 Market St., San Francisco, Calif.

GARDEN CITY MFG. CO., 1750 N. Ashland Ave., Chicago, Ill.—H. Kjaer Equipment Co., 1261 Howard St., San Francisco 3.

GARDNER ELECTRIC MFG. CO., 4227 Hollis St., Emeryville, Calif.—Maydwell & Hartzell, Inc., in following cities: 158 11th St., San Francisco; 427 W. 5th St., Los Angeles; 2nd and Cherry Bldg., Seattle; 1238 N.W. Glisan St., Portland; Electrical Specialty Co., 1015 21st St., Denver. See ad page 21.

GAYNOR ELECTRIC CO., INC., P. O. Box 550, Bridgeport, Conn.—C. J. Gratiot & Sons, 1282 Folsom St., San Francisco, and 2566 San Fernando Rd., Los Angeles.

GEDNEY ELETRIC CO., RKO Bldg., New York City—Jack Morgan, 2241 W. Alabama Ave., Houston, and 1312 McKinney Ave., Dallas; W. S. Sanderlin Co., 129 1st Ave. West, Seattle 99, and 201 S. E. Washington Ave., Portland; Rutkin Elec. Sales Co., 935 Stanford Ave., Los Angeles 21; George A. Gray Co., 2720 17th St., San Francisco 10.

GEIER COMPANY, THE P. A., 540 E. 105th St., Cleveland 8, Ohio—R. E. Harris, Inc., San Diego, Calif.; J. A. Keim, 26601 Calle, Capistrano Beach, Calif.;

Kaemper-Barrett, Inc., 1850 Mission St., San Francisco; Austin & Son, 1819 Wazee St., Denver 2; Biggs-Kurtz Hdwe. Co., 304 W. Main St., Grand Junction, Colo. Sold by Graybar Electric Co., Inc., all principal cities.

GEM ELECTRIC MFG. CO., INC., 237 37th St., Brooklyn, N. Y.—Brill Electric Sales, 164 Townsend St., San Francisco; George Kraft Co., 1501 N.W. Kearney, Portland; The McLoughlin Co., 811 E. 14th Place, Los Angeles; L. S. Reed & Co., 1018 Lawrence St., Denver; J. V. Folsom Co., 301 N. Market St., Dallas.

GENERAL CABLE CORP., 420 Lexington Ave., New York City—Branch Offices: R. O. Barnes, Pac. Dist. Mgr., 25 Beale St., Room 743, San Francisco; W. E. Warnicke, South Pac. Dist. Mgr., 1329 Willow St., Los Angeles; James Fletcher, Br. Mgr., 2020 Smith Tower, Seattle; A. Z. Barnes, 213 Thomas Bldg., Dallas; R. L. Belflower, 833 Bankers Mortgage Bldg., Houston.

GENERAL CONSTRUCTION CORP., 2230 Second Ave. South, St. Petersburg, Fla.—R. L. Utterbeck, 4222 Carrington St., Oakland 1, Calif.

GENERAL ELECTRIC COMPANY —General Offices: Schenectady, N. Y.—Ray W. Turnbull, Western Commercial Vice President, headquarters at 235 Montgomery St., San Francisco.

—APPARATUS DEPARTMENT, headquarters at Schenectady, N. Y. A. D. Bragg, Manager, Pacific Sales District, headquarters at San Francisco. Kurt Steindorff, Manager, San Francisco Area; E. M. Ellis, Manager, Los Angeles Area. Local offices located in Oakland, Sacramento, Stockton, San Jose, Fresno, Bakersfield, Riverside, San Diego and Phoenix. J. R. Murphy, Manager, Pacific Northwest Sales District, headquarters at Seattle. Local offices located in Portland, Spokane, Tacoma, Medford, Pasco and Eugene. F. H. Doremus, Manager, Rocky Mountain Sales District, headquarters at Denver. Local offices located in Salt Lake City, Butte and Albuquerque.

—APPLIANCE & MERCHANDISE DEPARTMENT, headquarters at Bridgeport, Conn. H. G. Smith, Manager, Pacific Sales District, headquarters at San Francisco. Offices located in Los Angeles, Salt Lake City, Seattle and Denver.

—CHEMICAL DEPARTMENT, headquarters at Pittsfield, Mass. T. D. Daniels, Sales Representative, Los Angeles.

—CONSTRUCTION MATERIALS DEPARTMENT, headquarters at Bridgeport, Conn. D. F. Flinn II, Manager, Pacific Sales District, headquarters at Los Angeles, offices in San Francisco. W. W. Bryan, Manager, Northwestern Sales District, headquarters at Seattle, offices in Portland and Salt Lake City.

—ELECTRONICS DEPARTMENT, headquarters at Syracuse, N. Y. Receiver Division —Seattle: B. S. Wells, Sales; G. E. Horton, Field Engineer; San Francisco: T. L. Gilligan, Sales; G. D. Day, Field Engineer; Los Angeles; H. G. Randolph, Sales; J. Fesko, Field Engineer. Commercial Equipment Division—Seattle: J. E. Hogg, Radio Communications, Sales; San Francisco: F. I. Deetken, Radio Communication, Sales; C. T. Haist, Jr., Broadcast and Marine, Sales; W. H. Nye, Field Engineer; L. R. Sheeley, Radio Communication, Sales; Los Angeles: N. F. Keefer, Radio Communication, Sales; F. R. Walker, Broadcast and Marine, Sales; Denver: F. D. Morton, Radio Communications, Sales. Tube Divisions —Seattle: T. A. Reese, Replacement Tubes and Parts, Sales; San Francisco: W. C. Walsh, Replacement Tubes and Parts, Sales; Los Angeles: B. S. Angwin, Tubes (Equipment Mfrs.), Sales; W. J. Fitzpatrick, Replacement Tubes and Parts, Sales. Government Division—Los Angeles: J. J. Losey, Aviation Equipment, Sales.

—LAMP DEPARTMENT, headquarters at Cleveland, Ohio. C. A. Rost, Manager, North Pacific Sales District, Portland; branch office in Spokane. F. M. Falge, Manager, Pacific Sales District, Oakland; branch offices in Fresno, San Mateo and Sacramento. L. R. Wilson, Manager, Puget Sound Sales District, Seattle; branch office at Tacoma. J. P. Roger, Manager, Rocky Mountain Sales District, Denver; branch office in Salt Lake City. E. C. Herron, Manager, South Pacific Sales District, Los Angeles; branch offices in Phoenix and San Diego.

—AIR CONDITIONING DEPARTMENT, headquarters at Bloomfield, N. J. L. M. Larkin, Western Regional Sales Manager, headquarters in San Francisco; offices in Los Angeles, Salt Lake City and Seattle.

GENERAL ELECTRIC X-RAY CORPORATION, headquarters at Milwaukee, Wis. Sales offices: G. E. Williams, Manager, Denver; A. H. Jordan, Manager, Los Angeles; M. A. Schroeder, Manager, Phoenix; C. H. McMillan, Manager, Portland; K. S. Dawson, Manager, Salt Lake City; G. R. Borgman, Manager, San Diego; L. M. Rasmussen, Manager, San Francisco; A. T. Koenninger, Manager, Seattle.

GENERAL ELECTRONICS, INC., 101 Hazel St., Paterson, N. J.—Nickerson & Rudat, 383 Brannan St., San Francisco; G. B. Miller, P. O. Box 1471, Hollywood; M. F. Klicpera, P. O. Box 3113, Houston.

GENERAL ENG. & DESIGN CO., 439 E. Fort St., Detroit, Mich.—Detach & Co., 341 10th St., San Francisco.

GENERAL INSULATED WIRE WORKS, INC., 69 Gordon Ave., Providence, R. I.—J. B. Tubergen Co., 1406 S. Grand Ave., Los Angeles 15.

GENERAL LIGHTING CO., 8336 W. 3rd St., Los Angeles, Calif.—Graybar Elec. Co., Inc., General Electric Supply Corp., all principal cities.

GENERAL MILLS, INC., 1620 Central Ave. N.E., Minneapolis, Minn.—George A. Gillespie, 116 New Montgomery St., San Francisco 6; R. L. Zurcher, 139 S.E. Washington St., Portland 14; D. H. Sluman, 130 W. 12th, Denver 4.

GENERAL PACIFIC CORP., 1501 E. Washington Blvd., Los Angeles 12, Calif.—Branch Offices: 127 10th St., San Francisco 3; 416 Bell St., Seattle 1.

GENERAL RADIO COMPANY, 275 Massachusetts Ave., Cambridge 39, Mass.—General Radio Co., 1000 No. Seward St., Los Angeles 38, Calif.

GENERAL REFRIGERATION DIV., Yates American Machine Co., Beloit, Wis.—Lipman Distributors, 1150 N. Western Ave., Los Angeles; Riz Shankman, P. O. Box 213, Soap Lake, Wash.

GENERAL SWITCH CORP., 49 Roebling St., Brooklyn, N. Y.—Keeler, White Co., in following cities: 322 N.W. 4th St., Portland; 1041 6th Ave. So., Seattle 4; 615 7th St., San Francisco 3; So. 121 Madison St., Spokane 8; 204 Keith Bldg., Denver 2; J. C. Richards Co., 433 Colyton St., Los Angeles; J. C. Coulson, 449 W. Jackson, Phoenix.

GENERAL WATER HEATER CORP., 240 N. Front St., Burbank, Calif.

GEORGE CO., P. D., 5200 N. Second St., St. Louis 7, Mo.—Insulation and Wires, Inc., 2043 Sacramento Ave., Los Angeles 21; 6 Moss St., San Francisco 3, and 1702 N.W. Sandy Blvd., Portland.

GERINGER & SONS MFG. CORP., Peekskill, N. Y.—Panama Lamp & Commercial Co., Inc., 815 Howard St., San Francisco.

GIBSON ELECTRIC CO., 8350 Frankstown Ave., Pittsburgh 21, Pa.—E. A. Wilcox Co., 277 Seventh St., San Francisco, 406 S. Main St., Los Angeles; 417 Arctic Bldg., Seattle.

GIBSON MANUFACTURING CO., 1919 Piedmont Circle N.E., Atlanta, Ga.—Jimmy Phillips Sales Agency, 155 West State St., Pasadena, Calif.

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GILBY WIRE CO., 150 Riverside Ave., Newark, N. J.—Marwood Limited, 367 9th St., San Francisco; 320 E. 3rd St., Los Angeles, and 1714 1st Ave. So., Seattle.

GILL ELECTRIC MANUFACTURING CORP., 624 W. Citrus Ave., Redlands, Calif.—J. E. Shull, 350 S. Central Ave., Los Angeles 13; Lee Arter Co., 1355 Market St., San Francisco 3, and 672 S. Lafayette Park Pl., Los Angeles 5.

GILL GLASS AND FIXTURE CO., Amber & Tioga Sts., Philadelphia, Pa.—Branch Offices: 1085 Monadnock Bldg., San Francisco, and 609 Thomas Bldg., Dallas.

GIVEN MFG. CO., 3855 S. Santa Fe, Vernon, Calif.

GLATTHAR LIGHTING CO., 949 East 72nd St., Cleveland 3, Ohio—The Baker Smith Co., 1355 Market St., San Francisco; 656 S. Los Angeles St., Los Angeles; 209 Terminal Sales Bldg., Seattle.

GLEASON & CO., J. L., 203 Bent St., Cambridge 41, Mass.—Donald T. Elliott, 729 Mission St., San Francisco 3.

GLEASON-TIEBOUT GLASS CO., 59-50 54th St., Maspeth, New York City—John Maddox, 420 Market St., San Francisco; W. W. Bracken, 923 E. 3rd St., Los Angeles; Stanford Darger, 328 W. 2nd South St., Salt Lake City.

GLOBAR DIVISION, the Carborundum Co., Niagara Falls, N. Y. Branch Office: 26 Josepha Ave., San Francisco.

GLOBE AMERICAN CORP., Macomb, Ill.—Gillette & McLaren, 131 S.W. 4th Ave., Portland; Central Bldg., Seattle.

GLOBE LIGHTING PRODUCTS, 397 7th Ave., Brooklyn, N. Y. —Branch Office: 2121 So. Main St., Los Angeles.

GLOBE PRODUCTS MFG. CO., 3380 Robertson Blvd., Los Angeles, Calif.—Direct thru machinery dealers.

GLOBE STEEL TUBES CO., 3800 W. Brunham St., Milwaukee 4, Wis.—Branch Office: C. J. Bickler, Dist. Sales Mgr., 102 N. Brand Blvd., Glendale 3, Calif.

GLOLITE CORPORATION, 1107 Washington Blvd., Chicago, Ill. —Jerry Smilowe, 2135 E. 7th Place, Los Angeles.

GODFREY & WING, INC., 3141 Superior Ave., Cleveland, Ohio —Lucia Arkin Co., 1355 Market St., San Francisco, and 527 West 7th St., Los Angeles; W. G. Gordon, 619 Second Ave., Seattle.

GOLDEN - ANDERSON VALVE SPECIALTY CO., 207 Keenan Bldg., Pittsburgh, Pa.—R. P. Carmien Co., 812 San Fernando Bldg., Los Angeles; Moorlane Co., 1424 Market St., Denver 2; D. H. Lundin Co., 1127 E. Northlake, Seattle 5; Harry E. Clark, 608 M & M Bldg., Houston; Asa E. Hunt, 1708½ Commerce St., Dallas; W. S. Turner Co., Pacific Building, Portland.

GOODRICH MFG. COMPANY, Bayshore Highway, San Francisco, Calif.

GORDON CO., CLAUD S., 3000 S. Wallace St., Chicago, Ill.—A. C. Woolley Co., 1869 S. W. Broadway, Portland 1; L. J. Bohan, 1680 N. Vine St., Hollywood 28.

GOULD NATIONAL BATTERIES, INC., 35 Neoga, Depew, New York—Branch Offices: Herbert King, 444 Market St., San Francisco; Lee Lewis, 87 Holgate St., Seattle 4; F. H. Pelletier, 576 Patterson Ave., West Salem, Ore.; R. P. Anderson, P. O. Box T, Eagle Rock Sta., Los Angeles.

GOULDS PUMPS, INC., 200 Fall St., Seneca Falls, N. Y.—R. M. Wade & Co., 106 S. E. Hawthorne Blvd., Portland; Pump Engineering Co., Los Angeles; Woodin & Little, Inc., 33-41 Fremont St., San Francisco; Warner Co., 1600 15th St., Denver; Midland Implement Co., Billings; Z C M I Wholesale Hdwe., Salt Lake City; Gilbert Pump & Equipment Co., 1025 So. Central, Phoenix.

GRAND HOME APPLIANCE CO., 2323 E. 67th St., Cleveland 4, Ohio—Gough Industries, 819 E. First St., Los Angeles 54; Dalco Appliances; 685 7th St., San Francisco; Washington Stove Works, Box 919, Everett, Wash.; Flint Dist. Co., 316 W. 2nd South, Salt Lake City; Radio & Appl. Dist. Co., 1634 18th St., Denver; Billings Hdwe. Co., Billings, Mont.; W. G. Walz Co., 313 So. Fourth Ave., Phoenix.

GRAYSIX COMPANY, 2427 4th St., Berkeley, Calif.—George A. Gray Co., 2720 17th St., San Francisco 10.

GREAT LAKES ELECTRIC MFG. CO., 17 S. Desplaines St., Chicago 6, Ill.—W. C. King, 912 E. Third St., Los Angeles 13.

GREAT WESTERN FUSE DIV., Titeflex, Inc., 500 Frelinghuysen Ave., Newark, N. J.—F. M. Nicholas Co., 140 Spear St., San Francisco; Bruce-Emmett Co., 830 S. E. Alder St., Portland, offices in Seattle; L. R. Ward Co., Dallas; Michel Bros., Los Angeles; L. D. Hood Sales Agency, P. O. Box 2751, Lakewood, Colo.

GREENE ELECTRIC FURNACE CO., 2702 6th St., Seattle, Wash.

GREEN, INC., R. H., 1201 24th St., Oakland, Calif.

GREENLEE TOOL CO., 2136 12th St., Rockford, Ill.—Lippincott Co., Inc., 1052 W. 6th St., Los Angeles 14; 461 Market St., San Francisco 5 and 911 Western Ave., Seattle 4.

GRIFFIN LAMP CO., 405 So. 3rd St., Hamilton, Ohio—Harry C. Younger, 1170 Laurel St., Pasadena, Calif.; Jack Duval, 1683 34th St., San Francisco; D. James Murray, 308 Ninth Ave., No., Seattle.

GRISWOLD MFG. CO., 12th and Raspberry, Erie, Pa.—W. F. Smith, 6356 Drexel Ave., Los Angeles; G. R. Woodward, 511 Merchandise Mart, Denver; S. W. Brown, 520 Governor Stevens Ave., Olympia, Wash.

GUARDIAN ELECTRIC MFG. CO., 1621 West Walnut St., Chicago 12, Ill.—Logan Sales, 530 Gough St., San Francisco 2; Marsh Agencies, 2601 1st Ave., Seattle 1; Roy E. Renz, 1406 So. Grand Ave., Los Angeles 15; J. F. McKinney Sales Co., 1523 Dragon St., Dallas 1; Frank Y. Gates, 822 Cont. Bank Bldg., Salt Lake City 1.

EDWIN F. GUTH COMPANY, 2615 Washington St., St. Louis, Mo.—Wm. Bracken Sales Agency, 923 E. 3rd St., Los Angeles; Dan H. Radke Co., 754 Natoma St., San Francisco 3; Gaer, Florance & Associates, 2052 Humboldt, Denver; John Allen Ware, Sr., 301 West G St., San Diego; John Allen Ware, Jr., 4807 No. 29th Place, Phoenix; Oscar Hogenson, 95 Connecticut St., Seattle 4.

GUTHMAN & CO., INC., EDWIN L., 15 S. Throop, Chicago, Ill.—Conrad R. Strassner, 5108 Melrose Ave., Los Angeles 38.

H-B INDICATOR CO., 619 No. Mullen St., Tacoma 6, Wash.—Northwest Sales and Eng. Service Co., 915 Terminal Sales Bldg., Seattle.

H-B INSTRUMENT CO., 2633 Trenton Ave., Philadelphia 25, Pa.—Oscar Hogenson, 95 Connecticut St., Seattle 4; H. D. Prowell Co., 2335 E. 8th St., Los Angeles 21.

HD ELECTRIC COMPANY, 760 Osterman Ave., Deerfield, Ill.—L. A. Nott, 1061 Howard St., San Francisco; T. E. Wood, 226 Ninth St., North, Seattle; J. E. Redmond, 625 W. Madison, Phoenix.

HAARTZ-MASON CO., Watertown, Mass.—Schueler & Weston, 923 E. 3rd St., Los Angeles.

HACKENSACK CABLE CORP., 110 Orchard St., Hackensack, N. J.—McCune-Merifield Co., 909 Western Ave., Seattle 4; 51 Fremont St., San Francisco; and 1331 Los Angeles St., Los Angeles.

HALEY & CO. INC., R. G., 767 Spitzer Bldg., Toledo, Ohio—R. G. Haley Corp., 308 Weisgerber Bldg., Lewiston, Ida.

HALLICRAFTERS CO., 4401 W. 5th Ave., Chicago, Ill.—David Marshank, 672 So. Lafayette, Los Angeles; Wm. J. Purdy, 420 Market St., San Francisco; James J. Backer, 2321 Second Ave., Seattle; Ronald G. Bowen, 1896 So. Humboldt, Denver.

HAMILTON BEACH CO., Div. Scovill Mfg. Co., 1509 Rapids Dr., Racine, Wis.—Paul A. Douden, 1645 Wazee St., Denver; R. M. Saunders, 1527 E. Mountain St., Glendale 6, Calif.; E. F. Steffan, Rte 1, Box 260-A, Hunts Point, Bellevue, Wash.

HAMILTON MFG. CO., Two Rivers, Wis.—Branch Office: Harry J. Moeller, Regional Representative, 612 N.W. 20th Ave., Portland. Leading Electrical distributors all principal cities.

HAMMARLUND MFG. CO., INC., 460 W. 34th St., New York City —George Tivy, 1148 S. Grand Ave., Los Angeles 15; Hodges & Glomb, 1264 Folsom St., San Francisco 3; Don H. Burcham, 917 S.W. Oak St., Portland; R. M. Campion, P. O. Box 4116, Sta. A, Dallas.

HANKSCRAFT CO., Leedsburg, Wis.—Erlach Lee Co., 1355 Market St., San Francisco.

HANOVIA CHEMICAL & MFG. CO., 233 N.J.R.R. Ave., Newark, N. J.—Keese Engineering Co., 7354 Santa Monica Blvd., Los Angeles, and 411 Brannan St., San Francisco.

HANSEN MFG. CO., INC., R.R. 1, Princeton, Ind.—Perlmuth Colman & Associates, 1325 So. Flower, Los Angeles, and 420 Market St., San Francisco.

HARDWICK, HINDLE, INC., 40 Hermon St., Newark 5, N. J.—E. V. Roberts & Associates, 5014 Venice Blvd., Los Angeles.

HARPER ELECTRIC FURNACE CORP., 39 River St., Buffalo 3, N. Y.—Kent H. Power, 26 Josepha Ave., San Francisco; Fernholtz Machinery Co., 150 N. Norton Ave., Los Angeles.

HARPER CO., H. M., 8200 Lehigh Ave., Morton Grove, Ill.—Branch Offices: 835 E. 31st St., Los Angeles and Thayer Building, Oakland 12, Calif.

HART MANUFACTURING CO., 110 Bartholomew Ave., Hartford, Conn.—L. J. Proby, 422 Smith Tower, Seattle; E. B. Cook Co., 1063 Howard St., San Francisco; H. H. Van Luven Co., 537 Ceres Ave., Los Angeles; F. Y. Gates, 200 S. Main St., Salt Lake City 1.

HARTFORD ELEMENT CO., INC., 276-8 Windsor St., Hartford, Conn. — McCune-Merifield Co., 909 Western Ave., Seattle; 1331 Los Angeles St., Los Angeles; and 51 Fremont St., San Francisco; H. Sidney Hopkins, 4855 Elmwood Ave., Los Angeles (For mfg. accounts only).

HARTMAN ELECTRICAL MFG. CO., 175 N. Diamond St., Mansfield, Ohio—Representing aircraft line of relays, cutouts and contactors: Air Supply Co., in following cities—5959 W. 3rd St., Los Angeles 36; 528 Skinner Bldg., Seattle 1; representing commercial line: Richard T. Puelicher, 3151 E. Colorado St., Pasadena 8, Calif., and J. B. Hickman, 503 Maritime Bldg., Seattle 4.

HARTZELL PROPELLER FAN CO., South Downing St., Piqua, Ohio—Maydwell & Hartzell, Inc., in following cities: 427 W. 5th St., Los Angeles 13; 1238 N.W. Glisan St., Portland 9; 2nd and Cherry Bldg., Seattle 4, and 158 11th St., San Francisco.

HASKINS CO., R. G., 2651 West Harrison St., Chicago, Ill.—J. C. Fletcher, 1415 Folsom St., San Francsco; Zonne Electric Tool Co., 2226 So. San Pedro, Los Angeles.

HATFIELD WIRE & CABLE, 487 Hillside Ave., Hillside, N. J.—Keeler, White Co., 615 7th St., San Francisco, Los Angeles, Seattle and Portland.

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HEDGES MANUFACTURING CO., INC., 700 East Main St., Chattanooga, Tenn.—J. H. Schmidt, Santa Fe Bldg., Dallas; Wilson & Co., San Francisco.

HEINEMANN ELECTRIC CO., Penna Ave. and Plum St., Trenton, N. J.—Northwestern Agencies, Inc., 4130 First Ave., South, Seattle; M. L. Fowler, 605 3rd St., San Francisco 7; Don Porter, 1117 S. Robertson Blvd., Los Angeles; E. C. Holloway, 333 Jersey St., Denver 7; William Benndorf, 70 West Windsor Ave., Phoenix.

HELWIG COMPANY
2544 No. 30th St.,
Milwaukee, Wis.
Western representatives: R. W. Fletcher, 7 Front St., San Francisco; F. S. Fletcher, 4150 So. Main St., Los Angeles; J. E. Richardson, 166 Jackson St., Seattle; H. E. Perkins, 711 N.W. Everett St., Portland; J. R. Christensen, 247 E. 5th South St., Salt Lake City; M. G. Mueller, 1644 Blake St., Denver. See ad page 23.

HENDERSON ELECTRIC CO., Ampere, N. J.—George Gray Co., 2720 17th St., San Francisco; J. G. Pomeroy Co., 1004 E. 4th St., Los Angeles; Northwestern Agencies, Inc., 4130 First Ave. S., Seattle.

HENKEL-CLAUSS CO., Prospect Place, Fremont, Ohio—E. P. Stoll, 760 Market St., San Francisco.

HERTNER ELECTRIC CO., 12690 Elmwood Ave., Cleveland, Ohio—Robert M. Schow, 1709 W. 8th St., Los Angeles 14; Howe-Magson Co., Inc., 420 Market St., San Francisco 11; Hathaway-Thrulow Co., 1500 Westlake North, Seattle 9.

HERWIG CO., 1757 Sedgwick St., Chicago, 14, Ill.—General Electric Supply Co., Westinghouse Electric Supply Co., Graybar Elec. Co., Inc., all cities. Incandescent Supply Co., San Francisco, Fresno, Oakland and Los Angeles; Coast Electric Co., San Diego and San Francisco; Lighting & Supply Co., San Francisco.

HESSE PRODUCTS CO., 600 West 7th St., Reno, Nev.—Hockensmith Sales Co., 1262 So. Boyle Ave., Los Angeles; J. W. Watkins, Skinner Bldg., Seattle 1; Hawaiian Elec. Co. Ltd., Honolulu, T.H.

HEVI-DUTY ELECTRIC CO., 4212 W. Highland Blvd., Milwaukee 1, Wis.—Pacific Scientific Co., 1916 First Ave. So., Seattle 4; 25 Stillman St., San Francisco 7, and 1430 Grande Vista Ave., Los Angeles 23—for industrial electric heat treating furnaces. Kirk-Palka Co., 420 Market St., San Francisco and 415 Wall St., Los Angeles, for constant current regulators. C. E. Klaus, 303 S.W. First Ave., Portland 4, and Muth-Richards Co., 2605 Western Ave., Seattle 1, for dry type transformers and constant current regulators.

HEXACON ELECTRIC CO., 161 W. Clay Ave., Roselle Park, N. J.—Albert S. Knight Co., 3010 Western Ave., Seattle 1; Omer Cox Co., Rialto Bldg., San Francisco 5; J. E. Shull, 350 S. Central Ave., Los Angeles 13.

HIGH TENSION CO., INC., 36 No. Main St., Phillipsburg, N. J. J. B. Ambler, Denver Nat'l Bldg., Denver; Riter Eng. Co., Kearns Bldg., Salt Lake City; Paul S. Everley Co., 778 Natoma St., San Francisco; Agencies Co., 125 So. Santa Fe Ave., Los Angeles.

HIGHWAY TRAILER CO., Edgerton, Wis.—Cole Commercial Co., 3423 Fourth Ave. S., Seattle 4; The Four Wheel Drive Pacific Co., 469 Bryant St., San Francisco; Crook Co., 2900 Santa Fe Ave., Los Angeles 58.

HILL-SHAW CO., 311 N. Desplaines St., Chicago 6, Ill.—L. L. Raymer, 911 Western Ave., Seattle; N. A. Shirley, 282 6th St., San Francisco; George L. Woodward, 510 Merchandise Mart, Denver.

HI-SCALE PRODUCTS CORP., 217 Centre St., New York City—Northwest Sales Co., 1603 Northwest Johnson St., Portland 9; Eckert-Lloyd Co., 2115 S. San Pedro, Los Angeles 11, and 144 Townsend St., San Francisco.

HITCHNER & HITCHNER, 517 S. First St., Sandpoint, Idaho.

HI-VOLTAGE EQUIPMENT CO., 4000 E. 116th St., Cleveland, Ohio—Paul A. Douden Co., 1645 Wazee St., Denver; Arizona Wholesale Supply, Phoenix.

HOBART MFG. CO., The, Troy, Ohio—Hobart Sales Agency in following cities: 239 N.W. 14th Ave., Portland; 929 Mission St., San Francisco 3; 412 S. Los Angeles St., Los Angeles 13; 1418 16th St., Denver 2; 629 8th Ave., San Diego 1; 27 W. 6th Ave., Helena, Mont.; and Dohrmann Commercial Co., 984 Mission St., San Francisco.

HOFFMAN RADIO CORP., 3761 S. Hill St., Los Angeles 7, Calif.—Branch Office: 1355 Market St., San Francisco. Sold through leading appliance distributors.

HOLFAST RUBBER CO., 1486 Lakewood Ave. S.E., Atlanta, Ga.—J. M. Chapman Co., 290 9th St., San Francisco; Claud Michael Agency, 703 W. Ivy St., Glendale 4, Calif.; The Sales Co., 258 So. Dale Court, Denver; Paul E. Johnson, 907 Northwest Irving, Portland; Floyd Guenther, 1208 Tenth Ave. West, Seattle.

HOLOPHANE CO., INC., 342 Madison Ave., New York City 17—Robert G. Dummell, 344 Seville Way, San Mateo, Calif.; Frank van Gilluwe, 1517 Poppy Peak Dr., Pasadena, Calif.; O. W. Sailers, 4047 Lynd Ave., Arcadia, Calif.; Paul Davis, 659 Marine Dr., Bremerton, Wash.

HOLTZER-CABOT, 125 Amory St., Boston, 19, Mass.—A. W. Arlin, 1812 W. Silver Lake Drive, Los Angeles 26.

HOLUB INDUSTRIES, INC., Sycamore, Ill.—F. M. Nicholas Co., 140 Spear St., San Francisco; F. J. Airey Co., 1530 Mateo St., Los Angeles; Bruce-Emmett Co., 830 S.E. Alder, Portland, and 1016 First Ave., Seattle; E. T. Vonier, 1160 Elati St., Denver; George E. Anderson Co., 1901 Griffin St., Dallas.

HOMECRAFT ELECTRONIC PARTS, 3713 W. Roosevelt Road, Chicago, Ill.—General Mid-Western Distributors, Longmont, Colo.

HOMELITE CORPORATION, Riverdale Ave., Port Chester, N. Y.—Branch Offices: 624 S. Anderson St., Los Angeles; 1201 Shafter Ave., San Francisco; 1404 Eighth Ave. S., Seattle; 3801 N. Market St., Spokane; 3935 N. Williams Ave., Portland; 167 Leslie St., Dallas; 3904 Burch St., Houston.

HOMER COMMUTATOR CORP., 190 N. West St., Hillsdale, Mich.—Electrical Specialty Co., in following cities; 316 Eleventh St., San Francisco 3; 418 E. Third St., Los Angeles 13; 2406 First Ave. S., Seattle 1; 1015 21st St., Denver 2.

HOOVER COMPANY, Kingston-Conley Div., 68 Brook Ave., North Plainfield, N. J.—Marwood Limited, 357 9th St., San Francisco; Ivan J. Riverson, 7543 Santa Monica Blvd., Hollywood; Shaffer & Nelson, 411 Weatherly Bldg., Portland, and 312 Occidental Ave., Seattle, also Spokane, Wash., and Billings, Mont.

HOOVER BALL AND BEARING CO., East Hoover St., Ann Arbor, Mich.—Anti-Friction Bearings Co., 2020 S. Figueroa St., Los Angeles 7; General Bearings Co., 2017 Santa Fe Ave., Los Angeles; Allan P. James Co., 419 Tenth St., San Francis-Co 3; Grebe-Harrington Co., 1024 N.W. Flanders St., Portland 9, and Grebe-Caldwell Co., 532 S. Third West St., Salt Lake City.

HOPE WEBBING CO., Providence 1, R. I.—C. D. LaMoree, 1325 San Julian, Los Angeles.

HORTON MANUFACTURING CO., 731 Osage St., Fort Wayne, Ind.—Ray Thomas Co., 1601 S. Hope St., Los Angeles; Raycraft Co., 568 Third St., Oakland; Boyd Dist. Co., 20 W. 13th St., Denver; Walter B. Lloyd, 51 S. Second West, Salt Lake City; Seattle Radio Supply, Inc., 2117 Second Ave., Seattle; E. H. Krohn & Co., 113 E. Overland, El Paso.

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HOWARD MFG. CORP., 1401 S. Main St., Council Bluffs, Iowa—E. T. Schoenbaum, 2378 Highland Ave., Altadena, Calif.

HOWARD RADIO CO., 1735 Belmont Ave., Chicago, Ill.—Wm. P. Swartz, 1855 Industrial St., Los Angeles 21; Verner O. Jensen Co., 2616 Second Ave., Seattle 1; Felix Simon, P. O. Box 614, Denver.

HOWELL ELECTRIC MOTORS CO., 409 N. Roosevelt Ave., Howell, Mich.—Campbell-Elsey & Co., 326 Ness Bldg., Salt Lake City; Wazee Electric Co., 1318 Market St., Denver; Allied Belting and Trans. Co., Dallas and Acme Engineers, 8219 Joplin St., Houston, Texas.

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HUBBARD AND COMPANY, Pittsburgh, Pa., Chicago, Ill., and 1250 45th St., Emeryville, Calif.—W. W. Glosser, Vice President Pacific Coast Div., 1250 45th St., Emeryville; N. V. Arntzen, Dist. Sales Mgr., 416 W. 8th St., Los Angeles (covers Arizona); C. E. Malloy, Sales Engr., 7706 S.W. Walnut Lane, Portland 1, Oregon; Wash., and Ida.; H. R. Edwards, Jr., Sales Engr., Emeryville, northern Calif., Utah, and Nevada. Distributors: Graybar Electric Co., and General Electric Supply Corp., all principal cities. Mine Smelter Co., Salt Lake City; Hawaiian Electric Co., Honolulu, T. H.; A. C. Brunner, Agent, Manila, P. I. See ad page 61.

HARVEY HUBBELL, INC., State St. & Bostwick Ave., Bridgeport, Conn.—Grover A. Anderson, 542 Natoma St., San Francisco; A. M. McMillan, 103 N. Santa Fe Ave., Los Angeles; Frank A. Strohecker, 201 Eyres Bldg., Seattle; J. D. Martin, 1213 Forrester Dr., Dallas; Paul A. Douden, 1645 Wazee St., Denver.

HUGHES BROTHERS, Seward, Nebr.—George E. Tarbox, 439 Williams St., Denver 3; Maydwell & Hartzell, Inc., 158 11th St., San Francisco; 427 W. 5th St., Los Angeles 13; 1238 N.W. Glisan St., Portland 9; Second and Cherry Bldg., Seattle 4.

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HUNTER FAN AND VENTILATING CO., 400 South Front St., Memphis, Tenn.—Gordon Wood, 1855 Industrial St., Los Angeles; H. S. Jones, Rialto Bldg., San Francisco 5.

HYATT BEARINGS DIV., General Motors Corp., Harrison, N. J.—Branch Office: 436 14th St., Oakland 12. Mr. L. S. Nagle, West Coast Mgr.

HYKON MFG. CO., 163 E. State St., Alliance, Ohio—Fred D. Benz Co., 444 Brannan St., San Francisco; Henry L. Guokas, 2629 Roanoke St., Dallas; J. R. Penning, 2323 Second Ave., Seattle; J. G. Pomeroy Co., 1004 E. Fourth, Los Angeles.

HYTRON RADIO & ELECTRONICS CORP., 76 Lafayette St., Salem, Mass.—Russ Hines Co., 234 9th St., San Francisco; W. H. Knight Co., 908 W. Venice Blvd., Los Angeles; A. J. Nelson, Box 2244, Denver; Northwestern Agencies, Inc., 4130 1st Ave. S., Seattle.

IDAHO POLE CO., Sandpoint, Ida.—Branch Office, Bozeman, Mont.

IDEAL INDUSTRIES, INC., Park Ave., Sycamore, Ill.—Products available from electrical distributors: C. D. Belt & Co., 1921 Blake St., Denver; L. M. Slusser, 318 Dooly Block, Salt Lake City, Utah; Northwestern Agencies, Inc., 4130 First Ave. S., Seattle; L. S. Foley, 208 S.W. Stark St., Portland 4; John H. Maddox Co., 420 Market St., San Francisco; Strieby & Barton, Ltd., 912½ E. 3rd St., Los Angeles.

IDEAL ELECTRIC & MFG. CO., First & Oak Sts., Mansfield, Ohio—J. E. Edstrom, Portland; G. N. Somerville, 780 Natoma St., San Francisco; Lombard Smith Co., Petroleum Bldg., Los Angeles; Slaybaugh-Thompson Co., 100 W. 13th Ave., Denver; A & A Supply Co., Fulwiler Bldg., Abilene; R. S. Trinnaman Co., 165 S. First West, Salt Lake City.

ILG ELECTRIC VENTILATING CO., 2873 N. Crawford Ave., Chicago 41, Ill.—Branch Offices: 816 West 5th St., Los Angeles; 55 New Montgomery, San Francisco; Newberg, Ore.; 7331 W. Greenlake Way, Seattle; 4750 Kensington Dr., San Diego; 2702 N. Potrero St., Phoenix; 1534 Wazee St., Denver; 41 Post Office Pl., Salt Lake City; P. O. Box 223, El Paso.

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ILLINOIS ENGINEERING CO., Racine Ave. at 21st St., Chicago 8, Ill.—E. C. Cooley Co., 625 Market St., San Francisco; Preferred Equipment Co., Los Angeles; Caskey Engineering Co., Seattle; Ed. Lockey & Co., Portland.

ILLINOIS TESTING LABS, INC., 420 N. LaSalle, Chicago, Ill.—Lee & Freeman, 1550 First Ave. S., Seattle; James H. Knapp Co., 839 E. 4th St., Los Angeles; W. C. Matheson Co., 290 Ninth St., San Francisco.

ILSCO COPPER TUBE & PRODUCTS, INC., Cincinnati 27, Ohio—Electrical Specialty Co., 316 11th St., San Francisco; 2406 1st Ave. S., Seattle; Strieby & Barton, Ltd., 912½ E. 3rd St., Los Angeles. See ad page 25.

INDIANA STEEL & WIRE CO., 700 S. Council, Muncie, Ind.—Graybar Electric Co., Inc., in all principal cities. See ad page 24.

INDEPENDENT PNEUMATIC TOOL CO., Aurora, Ill.—Branch Offices: 315 S. Van Ness Ave., San Francisco; 6200 E. Slauson Ave., Los Angeles; 146 W. 2nd St. S., Salt Lake City; 7241 Harrisburg Blvd., Houston.

INDUSTRIAL DEVICES, INC., Edgewater, N. J.—Wallace & Wallace, 1206 Maple Ave., Los Angeles 15; Edwin C. Dunn, P. O. Box 241, Littleton, Colo., Chas. L. Thompson, Ltd., 144 W. Hastings St., Vancouver, B. C.

INDUSTRIAL ELECTRONICS CORP., 80 Bank St., Newark, N. J.—Representatives in Los Angeles, San Francisco, Portland, Seattle, Boise, Ida.

INDUSTRIAL ENGINEERING & EQUIPMENT CO., 711 S. Theresa St., St. Louis, Mo.—R. W. Scott & Associates, 2534 38th Ave., San Francisco; Al Gardner, 1423 N.E. 28th, Portland.

INDUSTRIAL MICA CORP., 945 61st St., Brooklyn, N. Y.—Samuel Siegel, P. O. Box 1378, Beverly Hills, Calif.

INDUSTRIAL SAFETY BELT CORP.,
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Western representatives: William Staninger, 2104 N.E. 13th, Portland; Charles W. Miller, 3042 Kendale Drive, Dallas.

INDUSTRIAL TIMER CORP., 112 Edison Place, Newark, N. J.—E. V. Roberts & Associates, 5014 Venice Blvd., Los Angeles.

INLAND GLASS WORKS, Div. Chamberlain, Inc., 6101 W. 65th St., Chicago, Ill.—Ralph I. Wall, 2102 Colorado Blvd., Los Angeles; George D. Norris Co., 3010 First Ave., Seattle 1.

INSTANT GLOW STARTER CORP., 1150 Broadway, New York City—Panama Lamp & Commercial Co., 815 Howard St., San Francisco.

INSULATION & WIRES, INC., 3435 Chauteau, St. Louis, Mo.—Insulation & Wires, Inc., 1077 Howard St., San Francisco; 2043 Sacramento St., Los Angeles; and 1702 N.E. Sandy Blvd., Portland.

INSULATED DUCT & CABLE CO., Stokes Ave., Trenton, N. J.—Hodges & Glomb, 1264 Folsom St., San Francisco; Albert S. Knight Co., 3010 Western Ave., Seattle.

INSULINE CORP. OF AMERICA, 36-02 35th Ave., Long Island City, N. Y.—Perlmuth-Colman & Associates, Inc., 1335 S. Flower St., Los Angeles; 420 Market St., San Francisco; Sam N. Stroum, 610 19th Ave. N., Seattle; M. Pearson, 1011 S. Josephine, Denver.

INTERNATIONAL APPLIANCE CORP., 222 Fifth Ave., New York City—Eric F. Chemnitz & Co., 1355 Market St., San Francisco; 1148 S. Grand Ave., Los Angeles; Earl E. Eckstrom & Associates, 2601 Second Ave., Seattle; Edward J. Lackner Co., 680 Bellaire, Denver.

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INTERNATIONAL HARVESTER CO., 180 N. Michigan Ave., Chicago, Ill.—Branch Offices: 201 Potrero St., San Francisco; 734 Lawrence St., Los Angeles; 56 S.E. Belmont St., Portland; 2308 15th St., Denver; 701 W. 17th St., Cheyenne; 715 E. Sprague Ave., Spokane; 435 W. 4th South St., Salt Lake City.

INTERNATIONAL METAL PRODUCTS CO., 500 S. 15th St., Phoenix, Ariz.—Nate Kopald, 136 N. Sweetzer, Los Angeles 36; O. J. Grendahl, Box 191, Aurora, Colo., J. J. Fleming, 1503 E. Harvard, Phoenix.

INTERNATIONAL NICKEL CO., INC., 67 Wall St., New York City 5.—Pacific Metals Co., Ltd., 3100 19th St., San Francisco; 1400 S. Alameda St., Los Angeles and 1533 India St., San Diego; Eagle Metals Co., 3638 East Marginal Way, Seattle; 2336 N. Randolph Ave., Portland, and E. 320 Trent Ave., Spokane; Metal Goods Co., 817 17th St., Denver.

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INTERNATIONAL RESISTANCE CO., 401 N. Broad St., Philadelphia, Pa. — Marshank Sales Co., 672 S. Lafayette Park Pl., Los Angeles 5; H. P. Hermans Co., 1234 Folsom St., San Francisco 3; David M. Lee, 819 Thomas St., Seattle 9.

IRONRITE, INC., 332 Cass Ave., Mt. Clemens, Mich.—Gordon E. Wilkins Ironers, Inc., Oakland, Los Angeles, Salt Lake, Phoenix; F. B. Connelly Co., Seattle and Portland; Columbia Elec. Mfg. Co., Spokane; Midland Implement Co., Billings, Mont.; Western Appliance Corp., Denver; Car Parts Depot, El Paso; Zork Hardware, Albuquerque.

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I-T-E CIRCUIT BREAKER CO., 19th and Hamilton Sts., Philadelphia, Pa.—Sales Office, 219 Rialto Bldg., San Francisco; Denham Bldg., Denver; Garland Affolter Eng. Corp., 532 So. 1st Ave., Seattle 4; Triangle Elec. Supply Co., 333 W. San Antonio St., El Paso; Lynn Elliott Co., M & M Bldg., Houston; W. R. L'Hommedieu, 722 E. Washington Blvd., Los Angeles 21; Riter Eng. Co., Kearns Bldg., Salt Lake City; Elec. Supply Co., 609 N. Broadway, Albuquerque.

J-B-T INSTRUMENTS, INC., 441 Chapel St., New Haven 8, Conn. —James P. Hermans Co., 1234 Folsom St., San Francisco; James J. Backer Co., 2821 Second Ave., Seattle; Howard M. Saul & Associates, 5726 Wilshire Blvd., Los Angeles.

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JEFFERSON ELECTRIC CO., 25th and Madison, Bellwood, Ill. —C. D. Buchanan, 55 Mississippi, San Francisco; L. O. Dugan, 1427 So. Hope St., Los Angeles.

JEFFERY-DEWITT INSULATOR CORP., Kenova, West Va.—Garland-Affolter Eng. Corp., 58 Sutter St., San Francisco; 417 S. Hill St., Los Angeles; 1233 N.W. 12th Ave., Portland, and 2603 Western Ave., Seattle; Line Material Co., 307 Kearns Bldg., Salt Lake City; Mt. States Machinery Co., 1526 Blake St., Denver; Electric Products, Inc., 212 S. 7th Ave., Phoenix; Tinling & Powell, E. 706 Sprague St., Spokane.

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JENKINS BROS., 80 White St., New York City—O. W. Coombs, 1026 So. Olive St., Los Angeles; The Sanderlin Co., 129 First Ave. West, Seattle; Kenneth B. Schumann Co., 814 12th St., Denver; Nuro Co., 414 Houston Bldg., San Antonio.

JOHNS-MANVILLE, 22 E. 40th St., New York City 16—Branch Offices: 116 New Montgomery St., San Francisco 5; 600 16th St., Oakland 12; 816 West 5th St., Los Angeles 13; 777 Thomas St., Seattle 9; 711 S. E. Alder St., Portland 14; 403 Dooly Block, Salt Lake City; 1755 Glenarm Pl., Denver.

JOHNSON CO., E. F., Waseca, Minn.—Don C. Wallace, 1206 Maple Ave., Los Angeles; Les Logan, 530 Gough St., San Francisco; Dave M. Lee Co., 819 Thomas St., Seattle.

JONES METAL PRODUCTS CO., The
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Western representatives: O. W. Coombs, 1026 So. Olive St., Los Angeles 15, and 21 So. Park, San Francisco 7; Bruce-Emmett Co., 830 S. E. Alder St., Portland 14, and 1016 First Ave. S., Seattle 4.

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JOSLYN MFG. & SUPPLY CO., 20 N. Wacker Drive, Chicago, Ill.—Branch Offices: Joslyn Pacific Co., 5100 District Blvd., Los Angeles; 180 Potrero Ave., San Francisco; 2424 First Ave. So., Seattle; 1523 N. W. Kearney St., Portland; 1427 E. 3045 South St., Salt Lake City; Arizona Wholesale Supply Co., P. O. 2379, Phoenix; Hawaiian Electric Co., Ltd., Honolulu, T. H.

JUSTRITE MANUFACTURING CO., 2061 No. Southport Ave., Chicago, Ill.—Branch Office: 448 Monadnock Bldg., San Francisco 5—Paul V. Miles, Western Mgr.

KPF ELECTRIC CO., 855 Howard St., San Francisco, Calif.

KAAR ELECTRIC CO., 2995 Middlefield Road, Palo Alto, Calif. —Verner O. Jensen Co., 2616 Second Ave., Seattle; Gordon S. Armstrong, 814 Dominion Bldg., Vancouver, B. C.; E. G. Wence, Box 1695, Hilo, T. H.; Sherwood French, 730 Emerson St., Palo Alto, Calif.

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KAISER ALUMINUM & CHEMICAL SALES, INC., 1924 Broadway, Oakland 12, Calif. — Western Branch Offices at S. W. 6th & Taylor, Portland; 308 Hoge Bldg., Seattle; P. O. Box 1451, Spokane; 1924 Broadway, Oakland; 417 So. Hill St., Los Angeles; 910 Sixteenth St., Denver —Also sold thru General Electric Supply, Westinghouse Electric Supply Corp., and Line Materials Co.

KATO ENGINEERING CO., 1415 First Ave., Mankato, Minn.—Northwestern Agencies, 4130 First Ave. South, Seattle 4; Charles I. Thompson, 144 West Hastings St., Vancouver, B. C.

KAYLINE CO., 2480 E. 22nd St., Cleveland, Ohio—Fred J. Stone, 1355 Market St., San Francisco.

KEARNEY CORP., JAMES R.—4236 Clayton Ave., St. Louis, Mo.—Maydwell & Hartzell, Inc., in following cities: 158 11th St., San Francisco 3; 427 West 5th St., Los Angeles 13; Second & Cherry Bldg., Seattle 4 and 1238 N. W. Glisan St., Portland 9; Cherry Bldg., Seattle 4 and 1238 West St., Salt Lake City; E. E. Holke, Sales Engineer, Denver. See ad page 27.

KEESE ENG. CO., 7354 Santa Monica Blvd., Hollywood 46, Calif.

KEES MFG. CO., F. D., 24 High St., Beatrice, Neb.—Ralph H. Cockroft, 501 Richfield Bldg., Los Angeles; Fred S. Zaugg, 927 N. W. Irving St., Portland; A & A Supply Co., P. O. Box 1516, Albuquerque; Edward J. Ryan, Merchandise Mart Bldg., Denver 2.

KELLEMS CO., 15 Williams St., Stonington, Conn.—R. E. Cunningham & Son, 701 Pacific Mutual Bldg., Los Angeles; George E. Honn Co., 420 Market St., San Francisco; Franklin Sales Co., Security Life Bldg., Denver; Williamson Sales Co., 929 Electric Bldg., Houston, and Irwin-Keasler Bldg., Dallas.

KELLOGG SWITCHBOARD & SUPPLY CO., 6650 S. Cicero Ave., Chicago, Ill. Branch Office: 1663 Mission St., San Francisco, E. R. Sears, Mgr. 406 S. Main St., Los Angeles; Jewel-Summer Co., 407 Commercial Center, Beverly Hills, Calif.; J. L. Merriam, 720 S. W. Washington St., Portland.

KELMAN ELECTRIC & MFG. CO., 1650 Naud St., Los Angeles, Calif.—C. E. Ingals & Sons, Monadnock Bldg., San Francisco; Eicher & Co., Colman Bldg., Seattle; C. A. D. Young, 726 Colorado Bldg., Denver.

KELNOR MANUFACTURING CORP., 215 Kearney St., San Francisco, Calif. — Clay Estes Co., 1355 Market St., San Francisco.

KELVINATOR DIVISION—Nash Kelvinator Corp., 14250 Plymouth Road, Detroit 32, Mich.—West Coast Regional Manager, E. B. Barnes, 2325 E. 12th St., Oakland; Branch Offices: 1620 E. 7th St., Los Angeles 21 and 2819 Elliott Ave., Seattle 1; Distributors: Charles Ilfeld Co., 200 N. First St., Albuquerque; Taylor Dist. Co., 2714 Montana Ave., Billings; Western Appliance Corp., 1147 Broadway, Denver; Elec. Equipment Co., 424 N. Central Ave., Phoenix; Wilmot Hardware Co., 115 N. Main St., Roswell, N. M.; Flint Dist. Co., 316 W. 2nd St., Salt Lake City.

KENNAMETAL, INC., Lloyd Ave., Latrobe, Pa. — Branch Offices: 1229 California St., Denver 4; 101 Beverly St., San Francisco 27; 3715 Santa Fe Ave., Los Angeles 58; General Tool Eng., Box 4062, Sta. B, Spokane 15; Campbell Hdwe. & Supply, 3433 Airport Way at Spokane St., Seattle 4.

KENNECOTT WIRE & CABLE CO., Bourne Ave., Phillipsdale, R. I.—Chase Brass & Copper Co., 210 So. Central Ave., Los Angeles 54, and 680 Second St., San Francisco, and 1957 First Ave., North, Seattle 4.

KERITE COMPANY, 30 Church St., New York City—Branch Offices: The Kerite Co., 582 Market St., San Francisco; 3901 San Fernando Rd., Glendale 4, Calif.

KETT TOOL COMPANY, 5 East Third St., Cincinnati, Ohio—James E. Allen, Box 86, Pacific Palisades, Calif.; P. J. Burrill, 2131 Washington Ave., San Leandro, Calif.

KEYSTONE CARBON CO., 1935 State St., St. Marysville, Pa.—Powdered Metal Products, 802 E. 61st St., Los Angeles 1.

KEYSTONE ELECTRIC MFG. CO., 2228 E. Tioga St., Philadelphia, Pa.—Electrical Engr. & Sales Co., 2030 Texas St., El Paso; Gilidden Engr. & Equipment Co., 3802 Winchester St., Houston.

KEYSTONE MFG. CO., 23328 Sherwood, Center Line, Mich.—Frank H. Bran Co., 894 Folsom St., San Francisco 7; The Sales Co., 1624 No. First St., Albuquerque, N. M.

KIDDE CO., INC., WALTER, Belleville, N. J. District Office in Los Angeles, Hughey & Phillips, 326 No. LaCienega Blvd., Los Angeles. Sold thru leading distributors in all principal cities.

KILLARK ELECTRIC MFG. CO., 3940 Easton Ave., St. Louis 13, Mo. — Northwestern Agencies, Inc., 4130 First Ave. So., Seattle; F. M. Nicholas Co., 140 Spear St., San Francisco; Kenneth Anderson Co., 412 Seaton St., Los Angeles 13; Kenneth B. Schumann, 814 12th St., Denver; George E. Anderson Co., 1901 Griffin St., Dallas 2.

KIM MFG. CO., 3800 Canon Blvd., Altadena, Calif.

KINDORF CO., 681 Market St., San Francisco, Calif.—Robert A. Young Co., 714 W. Olympic Blvd., Los Angeles; Pacific Electro Sales, San Francisco; Proby Brothers, 422 Smith Tower, Seattle; E. A. Ryan, 4271 S. E. Stark St., Portland.

KIRKLAND CO., THE H. R., 8-10 King St., Morristown, N. J.—Graybar Electric Co., General Electric Supply and Westinghouse Elec. Supply in all principal cities.

KIRLIN CO., 3435 E. Jefferson, Detroit 7, Mich.—Dan Galvin, 1621 Main St., Dallas; Wm. Benndorf, 401 W. Jackson St., Phoenix; C. T. Bakeman, 752 Natoma St., San Francisco; A. C. Slater, 1412 E. 56th St., Seattle.

KIRKMAN-ENGINEERING CORP., 123 Mercer St., New York City —California-Arizona Sales Agency, 301 West G St., San Diego; Electrical Specialty Co., 316 11th St., San Francisco; 2406 First Ave. So., Seattle 1; 418 E. Third St., Los Angeles 13; 1015 21st St., Denver 2; George E. Anderson Co., 1903 Griffin, Dallas 2.

KIRKWOOD COMMUTATOR CO., 1345 Carnegie Ave., Cleveland, Ohio—Insulation & Wires, Inc., in following cities: 2240 E. Washington Blvd., Los Angeles; 1077 Howard St., San Francisco; 1702 N. E. Sandy Blvd., Portland; Tri-State Supply Corp., 544 S. San Pedro St., Los Angeles; 554 Bryant St., San Francisco; and Seattle.

KITCHEN AID Div. Hobart Mfg. Co., 651 Penn Ave., Troy, Ohio —D. E. Sanford Co., 12th and Howard Sts., San Francisco, Terminal Sales Bldg., Seattle; 1049 S. Hill St., Los Angeles; D. H. Sluman & Co., 120 W. 13th Ave., Denver.

KLIEGL BROS. Univer. Elec. Stage Ltg. Co., Inc., 321 W. 50th St., New York City 19—C. J. Holzmueller, 1108 Howard St., San Francisco.

BE SURE...BE SAFE...

JAMES R. KEARNEY CORPORATION ST. LOUIS, MO.

Always Specify **KEARNEY PRODUCTS** *for the Job*

Kearney overhead and underground utility equipment has long been the standard of the power line industry. Good equipment designed and manufactured to do a better job.

TRIP-O-LINK FUSE CUTOUT

Rating 5,000 to 15,000 Volts — 50-100 Amperes. Single shot provides positive low cost insurance against transformer burnout, and needless circuit interruptions. An original Kearney design.

TRIP-O-LINK TRIP SAVER CUTOUT
2 Shot Reclosing Type

Rating 5,000 to 15,000 Volts — 50 Amperes. Automatically recloses the interrupted circuit through the reserve fuse — restores service and eliminates service trips.

TRIP OUT FUSE CUTOUT

Rating 5,000 to 69,000 Volts — 100-200 Amperes. A rugged, heavy duty fuse cutout built to interrupt the high short circuit currents of modern day distribution and transmission lines.

TRIP SAVER FUSE CUTOUT

Rating 5,000 to 34,500 Volts — 100-200 Amperes. Positive continuous sequence of action resets automatically, eliminates costly service interruptions.

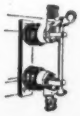
TRIP-O-MATIC FUSE CUTOUT

Rating 5,000 to 7,500 Volts — 50-100 Amperes. Isolates service interruptions and protects expensive distributing equipment. Simplicity of the tripping mechanism makes it possible to clear either low overloads or heavy short circuits with equal facility.

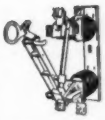
KEARNEY FUSE LINKS FOR BETTER FUSING COORDINATION

In the manufacturing process of Kearney Fuse Links, a continuous series of tests and inspections by experienced engineers results in a high degree of accuracy and uniformity.

HOOK-OPERATED DISCONNECT SWITCH



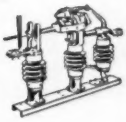
Ratings 7,500 to 69,000 Volts — 200-600 Amperes. Made of field tested material of the highest quality. Kearney Hook-Operated Disconnect Switches offer you trouble-free performance for isolating substation equipment and feeder lines.



REGULATOR BY-PASS DISCONNECT SWITCH

Rating 7,500 to 15,000 Volts — 200-600 Amperes. With Kearney Regulator By-Pass Switches safe switching sequence is automatic, eliminating the hazards of opening the wrong disconnect; takes care of four distinct switching operations in safe, logical order.

GROUP-OPERATED DISCONNECT SWITCH



Rating 7,500 to 69,000 Volts—200-400-600 Amperes. Available in Tilting and Rotating Insulator type—adaptable to single or multiple pole application. Proven to be long-lasting and dependable.

LIGHTNING ARRESTERS

Rating 3,000 to 15,000 Volts. Available in three types. Kearney Lightning Arresters direct lightning surges direct to ground, thereby relieving bushings and insulators of high electrical stresses.

LINE WIRE SPLICING SLEEVES

Kearney splicing sleeves are available in three types; specific type produces the best splice on the material for which it is designed.

CERTIFIED MALLEABLE IRON EXPANSION ANCHORS

For maximum holding power, ease of installation and strength use Kearney Anchors — available in 2-, 3-, and 4-way expansion types. Also screw type for anchoring in swamps and soil not cohesive enough for digging a hole.

RURAL LINE TOOL SETS

For working energized high voltage lines without interruption of service, Kearney offers a full line of tools, all carefully tested to insure maximum safety to linemen. Available in complete sets or individual tools.

CON-NEC-TAP CLAMPS

The protected thread feature of Kearney Con-Nec-Tap Clamps permits the screw to operate in a grease filled chamber, thus preventing corrosion of the screw. Available for all types of modern conductors.

MAYDWELL & HARTZELL
INCORPORATED
LOS ANGELES • SAN FRANCISCO • PORTLAND

KLEIN & SONS, Mathias, 3200 Belmont Ave., Chicago, Ill.—C. L. Woolsey, 1320 Opachee Way, Glendale, Calif.

KNAPP-MONARCH CO., Bent & Potomac Sts., St. Louis, Mo.—Branch Office: 502 Merchandise Mart Bldg., Los Angeles, Mr. Wm. B. Foster, Mgr. Mr. M. R. Hampton, Box 3367, San Francisco; H. H. Levora, 1800 S. E. Cypress St., Beaverton, Ore.

KNOX PORCELAIN CORP., Knoxville, Tenn. Western representatives: Bruce-Emmett Co., 1016 First Ave So., Seattle 4, and 830 S. E. Alder St., Portland; H. H. Van Luven, 537 Ceres Ave., Los Angeles; Sales Engineers, 51 Wazee, Denver; Gus B. Valkus Co., 1711 Kelly St., Dallas.

KONDU CORPORATION, 1040 West 12th, Erie, Pa.—F. D. Moran, P. O. Box 881, Denver; Bruce-Emmett Co., 830 S. E. Alder, Portland, and 131 First Ave. W., Seattle; A. B. Murphy, 228 9th St., San Francisco.

KOPPERS COMPANY, INC., Metal Products Div., 200 Scott St., Baltimore, Md.—Oliver B. Lyman, 55 New Montgomery St., San Francisco 5; Schloss & Shubart, 1626 Wazee St., Denver 2; A. W. Anderson Co., 164 So. Central Ave., Los Angeles 12; Milwaukee Machinery Co., 1933 S. E. Union Ave., Portland 14; The Galigher Co., 545 W. 8th South St., Salt Lake City 4.

KORD MANUFACTURING CO., INC., 4510 White Pl. Rd., New York City—Bruce-Emmett Co., 830 S. E. Alder, Portland; McDonald & Shaw, Southland Hotel, Dallas.

KORNS COMPANY, C. C., 161 Wonder St., Johnstown, Pa.—Incandescent Supply Co., 647 Mission St., Graybar Electric Co., 1750 Alameda St., San Francisco; Gough Industries, 827 E. 1st St., Los Angeles.

KORTICK MFG. CO., 345 First St., San Francisco 5, Calif.—Maydwell & Hartzell, Inc., 427 W. 5th St., Los Angeles 13; 1238 N. W. Glisan St., Portland 9; Second & Cherry Bldg., Seattle 4; Columbia Electric and Mfg. Co., Spokane; H. R. Slocum Co. Honolulu, T. H. See ad page 28.

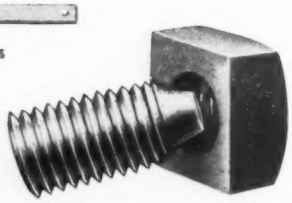
DEPENDABLE POLE LINE CONSTRUCTION DEMANDS

High Tensile Bolt Guy Clamps

"HANDIDRIVE" Pole Steps

Cross Arm Braces

Manufactured and Stocked For Your Convenience On The Pacific Coast



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Warehouse Stocks: Los Angeles, San Francisco Spokane, Portland, Seattle Honolulu, T.H.

KUHLMAN ELECTRIC CO., 1000 26th St., Bay City, Mich.—Shaffer & Nelson, 312 Occidental Ave., Seattle 4 and 824 Realty Bldg., Spokane; 644 Cook Ave., Billings, Mont.

KULKA ELECTRIC MFG. CO., INC., 633 So. Fulton Ave., Mt. Vernon, N. Y.—James Mundstock, 320 Market St., San Francisco; The McLoughlin Co., 811 E. 14th Place, Los Angeles; Pete Bach Electric Co., Portland; H. George Shefler, 240 So. 1st Ave., Phoenix; Edw. C. Beasley Associates, Dallas.

KURZ & ROOT CO., INC., 232 E. North Island, Appleton, Wis.—R. T. Puelicher, 3151 East Colorado, Pasadena, Calif.; A. I. Williams, 1009 17th St., Denver; J. B. Hickman, 503 Maritime Bldg., Seattle.

KWIKON COMPANY, 1850 W. Washington Blvd., Chicago, Ill.—J. J. Schaller & Co., 837 Traction Ave., Los Angeles; Electrical Industries, 1135 Harrison St., San Francisco; Slaybaugh-Thompson, 100 W. 13th St., Denver.

KYLE CO., 9th and Marion Aves., South Milwaukee, Wis.—See Line Material Co.

LAKE MFG. CO., 2323 Chestnut St., Oakland, Calif.—Frank DuFrane Co., 1063 Howard St., San Francisco; Robinson Sales Co., 3215 Western Ave., Seattle; Hockensmith Sales, 1262 So. Boyle, Los Angeles; W. V. Brainard, 778 Natoma St., San Francisco.

LAKE SHORE ELECTRIC MFG. CO., 2398 Woodlawn Ave., Cleveland, Ohio—Schueler & Weston, 923 E. 3rd St., Los Angeles.

LAMSON CORPORATION, 900 Lamson St., Syracuse, N. Y.—Branch Offices: 555 Bryant St., San Francisco 7; 309 West Pico Blvd., Los Angeles; 104 Eastlake, Seattle.

LANDERS, FRARY & CLARK, 47 Center St., New Britain, Conn.—Branch Offices: Universal Elec. Appl. Co., 1265 Folsom St., San Francisco; 2155 East 7th St., Los Angeles; H. Foss, Box 508, Seattle; C. L. Weaver, 3631 43rd Ave. West, Seattle 99; P. N. Prussing, 11420 Burnham St., Los Angeles 49.

LAPP INSULATOR CO. INC., LeRoy, N. Y.—Earl S. Condon Co., 754 Chamber of Commerce Bldg., Los Angeles; C. E. Ingalls & Sons, 541 Monadnock Bldg., San Francisco; Charles F. James, 615 Lloyd Bldg., Seattle; Riter Eng. Co., Kearns Bldg., Salt Lake City; Monitor Home Appliances, Inc., 604 Utah Ave., Butte, Mont.

LARKIN LECTRO PRODUCTS CORP., Pine Bluff, Ark.—Commander Kent H. Power, 26 Josepha Ave., San Francisco; Robert A. Young & Co., 3901 San Fernando Road, Glendale, Calif.; Frank Y. Gates Co., 200 So. Main St., Salt Lake City.

LaSALLE PRODUCTS, INC., 143 Seneca St., Buffalo, N. Y.—Wm. Benndorf, 429 W. Jefferson St., Phoenix; Peyser & Co., 1501 N. Weber St., Colorado Springs, Colo.; B. T. Heinz, Dexter Horton Bldg., Seattle; Wm. H. Fuller, 1038 Palm Ave., Whittier, Calif.

LAU BLOWER CO., 2001 Home Ave., Dayton, Ohio—J. O. Kilian, 2311 Midvale Ave., West Los Angeles.

THOMAS LAUGHLIN CO., 143 Fore St., Portland, Maine—Norman S. Wright Co., in following cities: 2779 Folsom St., San Francisco 10; 425 So. Western Ave., Los Angeles 5; 1932 S. W. Water St., Portland 1; 233 Ninth Ave. North, Seattle 9; Paul R. Spencer & Co., 4000 York St., Denver 5 and 404 Dooly Bldg., Salt Lake City 1.

LEACH COMPANY, 412 So. Main St., Oshkosh, Wis. — Graybar Electric Co., General Electric Supply and Westinghouse Electric Supply in all principal cities.

LEACH RELAY CO., 5915 Avalon Blvd., Los Angeles, Calif.—Herman Held, 420 Market St., San Francisco; James M. Walthe, P. O. Box 15, Boeing Field, Seattle; A. J. Nelson, P. O. Box 2244, Denver.

LEADER ELECTRIC CO., 3500 N. Kedzie Ave., Chicago 18, Ill.—Branch Office: 800 100th Ave., Oakland, Calif. Distributors: Black and Lem, 4806 Santa Monica Blvd., Los Angeles; W. W. Wheat & Son, 560 First Ave., Seattle; D. C. McCabe, Park Hotel, Great Falls, Mont.; Jim Arnold, 712 Kuhlman Rd., Houston; Ed. F. Aymond Co., Dallas.

LEAR, INCORPORATED, 110 Ionia Ave. N. W., Grand Rapids 2, Mich.—Learcal Division, 11916 W. Pico Blvd., Los Angeles. Branch in Seattle, Wash.

LECKENBY STRUCTURAL STEEL CO., 2745 11th Ave. S. W., Seattle, Wash.—W. A. Murray, 614 Peyton Bldg., Spokane, Wash.; Clarence Johns, Public Service Bldg., Portland; Clifford T. Frazer, 600 16th St., Oakland.

LECTRO SPEED CO., 3025 S. W. First Ave., Portland, Ore.

LEE ELECTRIC CO., 11th and Viand Sts., Point Pleasant, West Va.—A. B. Murphy Co., 228 9th St., San Francisco; John Mitchell, 821 N. W. Flanders St., Portland; D. H. Sluman & Co., 130 W. 12th, Denver; Herbert Sierk & Co., 2705 Canton St., Dallas.

LEECE-NEVILLE CO., 5109 Hamilton Ave., Cleveland 14, Ohio—E. W. McConnell, 1611 So. Hope, Los Angeles 15.

LEEDS NORTHRUP COMPANY, 4970 Stenton Ave., Philadelphia, Pa.—Branch Offices: 1095 Market St., San Francisco 3, and 5111 Via Corona Ave., Los Angeles 22.

LEESON STEEL PRODUCTS, INC., 666 No. Lake Shore Drive, Chicago, Ill.—O. B. Wilt, 1355 Market St., San Francisco; Lakin-Meyers, 50 Otis St., San Francisco; J. E. Gray, Denver

LELAND ELECTRIC CO., 1501 Webster St., Dayton 1, Ohio—J. F. Cady, 995 Market St., Rm. 310, San Francisco 3; F. Y. Gates, 200 South Main St., Salt Lake City 1; P. E. Leland, 5190 Santa Fe Ave., Los Angeles 11; Hubert Kaub, 1025 Santa Fe Drive, Denver 4.

THE LENK MFG. CO., 30 Cummington St., Boston 15, Mass.—Harry Marshall, 104 Olive St., San Francisco; George Forge, 920 N. 75th St., Seattle 3; Edward Lackner, 680 Bellaire, Denver.

LEONARD ELECTRIC MFG. CO., 3907 Perkins Ave, Cleveland, Ohio—Kirk-Palka Co., 415 Wall St., Los Angeles and 420 Market St., San Francisco; F. W. Carlson, 307 Wall St., Seattle and 519 N. W. Park Ave., Portland 9.

LEVITON MFG. CO., 236 Greenpoint Ave., Brooklyn, N. Y.—J. Driscoll and J. H. Reiss, 385 2nd St., Los Angeles.

LEW ELECTRIC FITTINGS CO., 627 W. Lake St., Chicago, Ill.—Ernest F. Hauck Co., 383 Brannan St., San Francisco 7; Floyd L. Guenther, 2216 First Ave., Seattle 1; F. J. Airey Co., 1518 S. Mateo St., Los Angeles 21.

LEWIS ENGINEERING & MFG. CO., 1255 S. Mahoning Ave., Alliance, Ohio—Charles E. Black, 845 Bellevue Ave. N., Seattle; Gillan Sales Co., 1355 Market St., San Francisco.

LEWYT CORPORATION, 60 Broadway, Brooklyn 11, N. Y.—Frank Edwards Co., Inc., 382 6th St., San Francisco; Sues, Young & Brown, Inc., 3636 S. Bronson Ave., Los Angeles; F. B. Connelly Co., 905 N. W. 12th Ave., Portland, and 1015 Republican St., Seattle; Inland Empire Wholesalers, 110 So. Wall St., Spokane; W. H. Bentz Co., 433 W. Third South, Seattle; Northwestern Auto Supply, 420 N. Broadway, Billings, Mont.

LEXINGTON ELECTRIC PRODUCTS CO., INC., 12 Chapel St., Newark 5, N. J.—Charles E. Klaus, 303 S. W. First Ave., Portland 4; Muth-Richards Co., 2605 Western Ave., Seattle; Campbell & George Co., 379 Brannan St., San Francisco; Robert A. Young Co., 714 West Olympic Blvd., Los Angeles 15.

LIBERTY BELL MFG. CO., Minerva, Ohio—Northwest Sales Co., 1603 N.W. Johnson, Portland; A. Allen Smith, 1855 Industrial St., Los Angeles; H. L. Miller, 15 E. Jackson St., Phoenix.

LIBERTY MACHINE & POLE LINE CO., 243 Napoleon St., San Francisco, Calif.

LIGHTING, INCORPORATED, 1834 So. Figueroa St., Los Angeles, Calif.—J. E. Grannias, 926 Natoma St., San Francisco; Cobb Lighting & Fixtures, 432 Yale Ave. North, Seattle; Sales 'N Service, Inc., P. O. Box 834, Salt Lake City; The Southwestern Co., 730 Security Bldg., Phoenix.

LIGHTING PRODUCTS, INC., Highland Park, Ill. — James Mundstock, 320 Market St., San Francisco; Carl Lertzman, Hollywood 27, Calif.; E. A. Ryan, Portland; Fred E. Staible & Sons, Denver; Wm. Proby & Associates, Seattle; Carl Mann, Spokane.

LIGHTOLIER, INC., 346 Claremont Ave., Jersey City, N. J.—Branch Office, San Francisco, Calif. Sold thru electrical distributors.

LINCOLN ELECTRIC CO., 12818 Coit Road, Cleveland, Ohio—Branch Offices: 1303 Stanford Ave., Emeryville, Calif.; 1500 Calzona St., Los Angeles; 135 E. Rose Lane, Phoenix; 660 No. Thompson St., Portland; 1914 Utah Ave., Seattle; 1414 Wazee St., Denver; Great Northern Tool & Supply, P. O. Box 957, Billings, Mont.; Industrial Supply Co., 121 Motor Ave., Salt Lake City.

LINDBERG ENGINEERING CO., 2450 W. Hubbard St., Chicago, Ill.—Branch Offices: 2460 Enterprise St., Los Angeles 21 and 90 Dearborn St., Seattle 4.

LINDEMANN & HOVERSON CO., A. J., 601 West Cleveland Ave., Milwaukee, Wis.—A. L. Lindemann, 137 No. Citrus Ave., Los Angeles 36; Jack Plano, 822 Riverside Dr., Renton, Wash.

LINE MATERIAL COMPANY, 700 West Michigan, Milwaukee 1, Wis.—Branch Office: Paul K. Churchill, West Coast Div. Mgr., 916 East 3rd St., Los Angeles and 101 Williams St., San Francisco. Field Engineers: P. E. Brackett, Los Angeles, and W. P. Ogilvie and Robert Vernon, Los Angeles; W. T. Neikirk and Edward Keogh, San Francisco; B. V. Kunde, Street and Airport Lighting Engineer, Los Angeles. W. F. Smith, Mountain States Division Manager, Spokane. Field Engineers: Arnold McLaren and C. B. Hazard, Portland; R. A. Balch, Butte; Paul B. Holden, Spokane; E. T. Hall, Salt Lake City; W. G. Gestland, Denver. S. Standley Jr., Street and Airport Lighting Engineer, Spokane. H. T. Zamzow, Apparatus Engineer, Portland; Agents: J. E. Redmond Supply Co., Phoenix; Pacific Lamp and Supply Co., Seattle; Tinling and Powell, Spokane; Osborne and Dermody, Inc., Reno, Nevada.

LINT, CLYDE W., 1144 W. Washington Blvd., Chicago, Ill.—W. G. Gordon, 2216 1st Ave., Seattle 1; Schueler & Weston, 923 E. 3rd St., Los Angeles 13; McMillen Stanley Co., 778 Natoma St., San Francisco 3; McGillan Sales Co., 513 S. Amherst St., Albuquerque. See ad page 29.

LIPMAN REFRIGERATOR Div. Yates Amer. Mach. Co., 127 E. Shirland Ave., South Beloit, Ill.—Ris Shankman, P. O. Box 231, Soap Lake, Wash.; H. A. Youst, 785 Market St., San Francisco; Strange & Lagos, 3010 E. Olympic Blvd., Los Angeles 23.

LITECRAFT MFG. CORP.
790 Wythe Ave.,
Brooklyn 11, N. Y.
Western Branch Office: 8336 W. 3rd St., Los Angeles 48; Representatives: Omer Cox Co., 116 New Montgomery St., San Francisco; Oscar Hogenson, 95 Connecticut, Seattle; F. H. Adams, El Paso; Milton Levkowitz, Tucson.

LITECONTROL CORPORATION, 36 Pleasant St., Watertown, Mass.—Al C. Slater & Associates, 1412 E. 56th St., Seattle 5; Jimmy Phillips Sales Agency, 155 W. State St., Pasadena 2.

LITTELFUSE, INC., 4757 Ravenswood Ave., Chicago 40, Ill.—Ash M. Wood, P. O. Box 150, El Monte, Calif.

LLOYD PRODUCTS CO., 225 Chapman St., Providence 5, R. I.—The Sanderlin Co., 201 S.E. Washington St., Portland, and 129 First Ave. W, Seattle; Frank H. Bran Co., 607 E. 6th St., Los Angeles; D. A. Steinkamp Co., 2400 Gaylord St., Denver.

LOCKE, INC., S. Charles & Cromwell, Baltimore, Md. Through General Electric Supply Corp., all principal cities.

LOCUST PIN CO., INC., Front Royal, Virginia — Maydwell & Hartzell, Inc., in following cities: 158 Eleventh St., San Francisco 3; 427 W. 5th St., Los Angeles 13; 1238 N.W. Glisan St., Portland 9, and Second & Cherry Bldg., Seattle 4.

LOVELL MFG. CO., 13th and French Sts., Erie, Pa.—Electrical Appliance Service Corp., 726 W. Venice Blvd., Los Angeles; 1434 Howard St., San Francisco, and 302 17th St., Denver; W. L. May Co., 215 N.W. Park Ave., Portland; Appliance Parts & Service Co., 214 Stewart St., Seattle, and 609 W. Trent Ave., Spokane; Apex Sales & Service Co., 171 E. Broadway, Salt Lake City.

LUMIDOR MFG. CO., INC., 4801 E. 50th St., Los Angeles, Calif.—Lumidor Co. of Texas, 4215 Gaston Ave., Dallas; Consolidated Eng. & Sales Co., 115 S. Princeton, Albuquerque; A. Walt Runglin Co., 1127 Wilshire Blvd., Los Angeles 17; E. R. L. Boyd Co., 266 Lenox Ave., Oakland 10.

LUMENITE ELECTRONIC CO., 407 S. Dearborn St., Chicago 5, Ill.—Jensen Instrument Co., 919 W. Beverly Blvd., Los Angeles; Duncan Equipment Co., 1907 Fourth Ave. S., Seattle.

LUX CLOCK MFG. CO., INC., 95 Johnson St., Waterbury, Conn.—Kaemper & Barrett, 1355 Market St., San Francisco.

LYNCH COMPANY, F. W., 149-151 2nd St., San Francisco, Calif.—Graybar Electric Co., Inc., in all cities.

LYON METAL PRODUCTS, INC., Aurora, Ill.—Branch Offices: 3650 Union Pacific Ave., Los Angeles 23; 870 Market St., San Francisco 2; 1755 Utah Ave., Seattle 4; 2546 N. Farragut, Portland 11; 1314 Wood St., Dallas 1.

McALLISTER-ROSS CORPORATION, 407 S. Dearborn, Chicago 5, Ill.—H. J. McAllister, Rock' M. Ranch, Middletown, Calif.; Wayne Hall, 518 S. 7th St., Tacoma, Wash.; H. S. Pierce, Monterey Plaza, 10400 Wilshire Blvd., Los Angeles.

McCABE-POWERS AUTO BODY CO., 5900 N. Broadway, St. Louis, Mo.—Branch Offices: 432 Fifth St., Oakland, Calif.; Allen Pelsue, 1925 S. University Blvd., Denver.

Desert-Air Lamps

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A portable therapeutic sunlamp. Approved and listed by Underwriters Laboratories. Offered as an aid for relieving colds • coughs •

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Adjustable HOLE CUTTER
Drill Press CUTTER
CLAMP-IN BOX SUPPORTS
SNAP-IN BLANKS
Conduit BENDER VISE
No-Kink FISH TAPE
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SOLDER DIPPER

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Line-Up WASHER
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Permanently repairs broken coils in electric appliances and industrial equipment. Splices appliance cord, auto and truck ignition wire, and all similar uses. Made in 5 sizes.
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Insert broken ends into sleeve. Crimp tight with plyers.

SOLDERLESS WIRE CONNECTORS

Bolt and clamping jaw cold forged from same material as your copper conductors, hence no loose connections due to different coefficients of expansion. By using copper in these parts and eliminating the use of hard alloy, low conductivity metals, Matthews Connectors assure maximum conductivity and will not indent, nick or damage your conductors. Full engagement of threads and close tolerances of all parts assure strength. All connectors are given 100% inspection. Write for Bulletin 206 for complete information on all types of Matthews Connectors.

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A complete line of cutouts in Enclosed and Open Types both Dropout and Non-Dropout styles. Enclosed types rated 50 to 200 amps. 5 and 7.5 KV. Open types rated 100 and 200 amps. 5, 7.5, 15 and 23 KV. Sturdily constructed, all current carrying parts of at least 85% copper content material. Fully described in Bulletins 102-B, 103-B and 103-S.

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McFARLAND CO., L. D., Box 390, Sandpoint, Idaho—Branch Office: Milwaukee, Ore.

McGILL MFG. CO., INC., Valparaiso, Ind.—George A. Gray Co., 2720 17th St., San Francisco 10; J. G. Pomeroy Co., 1004 E. 4th St., Los Angeles 13; Frank A. Strohecker, 2207 1st Ave. Sa., Seattle 4.

McGRAW ELECTRIC COMPANY, Clark Division, 5201 West 65th St. Chicago, Ill.—J. G. Goodrich, 01537 S.W. Comus, Portland; C. L. Heck, 260 Euclid Ave., Long Beach, Calif.; C. A. Russell, 1355 Market St., San Francisco. Sold through leading electrical distributors.

McKINLEY MOCKENHAUPT CO., 626 West Jackson Blvd., Chicago 6, Ill.—H. S. Jones, 237 Rialto Bldg., San Francisco; R. Meussdorffer, 1315 E. 7th St., Los Angeles; R. C. Brunkley, 1008 Western Ave., Seattle.

M & W Electric Mfg. Co., S. Walnut St., East Palestine, Ohio—Northwestern Agencies, Inc., 4130 First Ave. S., Seattle 4; Wm. Weston & Co., 1133 Moraga St., San Francisco.

MacARTHUR PRODUCTS, INC., 34 Front St., Indian Orchard, Mass.—William P. Horn, 1355 Market St., San Francisco.

MacBETH CORPORATION, Cochecton Turnpike, Newburgh, N. Y.—Laboratory Equip. Co., 118 11th St., San Francisco; Mole-Richardson, 937 N. Sycamore Ave., Hollywood 38, and J. B. MacAlister Co., 1117 N. McCadden Pl., Hollywood; Braun-Knecht-Heimann Co., 1400 16th St., San Francisco; Denver Fire Clay Co., P. O. Box 5510, Denver 17; Scientific Supplies Co., 122 Jackson St., Seattle.

MAGNAVOX, Bueter Road, Fort Wayne, Ind.—L. H. Bushnell, and E. N. Lucas, 1355 Market St., San Francisco; M. D. Schuster and J. P. Bauer, 420 S. San Pedro St., Los Angeles 13; R. E. Cederoth, 6224 S. E. 31st Ave., Portland.

MAGNETIC ENGINEERING & MFG. CO., 851 Van Houten Ave., Clifton, N. J.—Irving R. Gard & Co., Lowman Bldg., Seattle 4, Wash.; Mine & Smelter Supply Co., 1422 17th St., Denver 17, 121 West 2nd St. S., Salt Lake City, and 410 San Francisco St., El Paso; Lombard Smith, 2032 Santa Fe Ave., Los Angeles.

MAGNETROL, INC., 2110 S. Marshall Blvd., Chicago 23, Ill.—Berkley Eng. & Equipment Co., 2417 Riverside Dr., Los Angeles; Johnson Eng. Co., 534 20th St., Oakland; Merrill N. Musgrave & Co., 2019 3rd Ave., Seattle 1, and 424 Hutton Bldg., Spokane; David & Davis, 316 Mining Exchange Bldg., Denver.

MAJESTIC RADIO & TELEVISION, Div. of Wilcox-Gay Corp., 70 Washington St., Brooklyn 1, N. Y.—Pacific Telecoin Corp., 1337 Mission St., San Francisco, and 1776 S Robertson Blvd., Los Angeles; Northwest Sales Supply, Butte, Mont.; F. B. Connelly Co., 905 N.W. 12th Ave., Portland, and 1015 Republic St., Seattle; Premium Dist. Co., 1121 S.W. Washington St., Portland; Western Electronic Supply, 2609 1st Ave., Seattle.

MALLORY & CO., INC., P. R., 3029 E. Washington, Indianapolis, Ind.—Branch Office: C. M. Gutheil, Dist. Mgr., 1338 S. Lorena St., Los Angeles 23; Hodges & Glomb, 1264 Folsom St., San Francisco; Don H. Burcham, 917 S.W. Oak St., Portland; A. T. Nelson, P. O. Box 2244, Denver.

MALLEABLE IRON FITTINGS CO., Branford, Conn.—Wm. J. Cottrell Co., 309 S.W. Third Ave., Portland 4; Industrial Engineering & Equipment Corp., 720 Subway Terminal Bldg., Los Angeles 13; Waltham, DeWitt & Krusi, 630 Monadnock Bldg., San Francisco 5.

MANNING, BOWMAN & CO., Meriden, Conn. The Clyde Allen Co., 1355 Market St., San Francisco, and 3267 Sepulveda Blvd., Los Angeles; Fred Chemnitz, 1310 S. W. Alder St., Portland.

MANNING PAPER CO., INC., JOHN A., Troy, N. Y. Insulation & Wires, Inc., in following cities: 2043 Sacramento Ave., Los Angeles; 1077 Howard St., San Francisco, and 1702 N.E. Sandy Blvd., Portland.

MARATHON ELECTRIC MFG. CORP., Randolph & Cherry, Wausau, Wis.—Branch Office: 512 1st Ave. S., Seattle; Westco Pump Sales Co., 2315 E. 8th St., Los Angeles.

MARCO INDUSTRIES CO.
210 So. Clementine,
Anaheim, Calif.
Sold direct from plant—210 So. Clemintine St., Anaheim, Calif.

MARCUS TRANSFORMER CO., INC., Montgomery St., Hillside, N. J.—Pacific Industries, 1046 S. Olive St., Los Angeles; E. B. Cook, 1063 Howard St., San Francisco; W. R. Hendrey Co., Smith Tower, Seattle.

MARION ELEC'L MFG. CO., 24 Cliff St., Jersey City, N. J.—J. J. Perlmuth-Colman & Associates, 942 Maple Ave., Los Angeles; George D. Norris, 2601 Second Ave., Seattle 1.

MARION ELECTRICAL INSTRUMENT CO., 400 Canal St., Manchester, N. H.—Neely Enterprises, 7422 Melrose Ave., Hollywood 46; 2830 Geary Blvd., San Francisco 8; 309 Ochsner Bldg., Sacramento, and 8211 E. Central Ave., Albuquerque; Samuel Stroum, 610 19th Ave. N., Seattle.

MARKEL ELECTRIC PRODUCTS, INC., 145 Seneca St., Buffalo, N. Y. O. W. Coombs, 1026 S. Olive St., Los Angeles 15; Wm. Benndorf, P. O. Box 1926, Phoenix; Pacific Electric Sales Co., 232 N.E. 9th Ave., Portland 14.

MARKSTONE MFG. CO., 2460 West George St., Chicago, Ill.—Barney De Ramus, 125 S. Santa Fe Ave., Los Angeles; J. M. Cavanaugh Agencies, 1132 N.W. Glisan, Portland.

MARLEY COMPANY, INC., Fairfax and Marley Roads, Kansas City 15, Kansas—Branch Offices: 810 S. Spring St., Los Angeles 14, and 2006 Esperson Bldg., Houston.

MARMON-HERRINGTON COMPANY, 1511 W. Washington St., Indianapolis, Ind.—Branch Office: 266 Lenox Ave., Oakland, Calif., Mr. Paul Bliss, District Manager. Sold through leading distributors.

MARQUETTE MFG. CO., INC., 307 E. Hennepin Ave., Minneapolis 14, Minn.—Sold through leading distributors.

MARTIN DECKER CORP., 3441 Cherry Ave., Long Beach, Calif.

MARTIN ELECTRIC PRODUCTS, INC., 346 Somerville Ave., Somerville, Mass. Black & Lem, 4806 Santa Monica Blvd., Los Angeles; H. B. Squires Co., 156 8th St., San Francisco. See ad page 31.

MARTIN & SONS, H. P., 801 W. 12th St., Owensboro, Ky.—General Electric Supply, Westinghouse Electric Supply and Graybar Electric Co., Inc., all principal cities.

MARVEL FLUORESCENT MFG. CO., 1401 Clinton St., Hoboken, N. J. Panama Lamp & Commercial Co., 815 Howard St., San Francisco.

MARVIN MFG. CO., 3071 E. 12th St., Los Angeles, Calif.—Claude Follette, 383 Brannan St., San Francisco; Pete Bach, 1233 N.W. 12th Ave., Portland; Luke Simpson, Rt. 1, Box 38, Santee, Calif.; L. S. Reed & Co., 1018 Lawrence St., Denver 4; Wm. Benndorf, 429 West Jefferson St., Phoenix.

MASTER APPLIANCE MFG. CO., 536 4th St., Racine, Wis.—Peyser & Co., Colorado Springs, Colo.

MASTER ELECTRIC CO., 126 Davis Ave., Dayton 1, Ohio—Branch Offices: 285 7th St., San Francisco 3; 2031 Santa Fe Ave., Los Angeles 21; 159 Pierpont Ave., Salt Lake City; 3327 Brighton Blvd., Denver 5.

MASTER VIBRATOR CO., 108 Davis, Dayton, Ohio—Kerr Equipment Co., 160 10th St., San Francisco; State Tractor & Equipment Co., 815 E. Jefferson St., Phoenix; Atwood Machinery Co., 695 Santa Fe Ave., Los Angeles; Power Equipment Co., 601 East 18th St., Denver; Andrews Equipment Service, 126 S. Walnut, Spokane; Andrews Machin-

ery of Wash., Inc., 3640 E. Marginal Way, Seattle; Western Construction Equipment Co., 505 N. 24th St., Billings, and 218 W. Pine St., Missoula, Mont.; Sierra Machinery Co., 1025 E. 4th St., Reno; R. L. Harrison Co., 209 N. 4th St., Albuquerque; Anderson Machinery Co., 404 N.W. Broadway, Portland; The Lang Co., 267 W. First St., Salt Lake City.

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3850 Delor,
St. Louis 16, Mo.
Western representatives: Waltham, DeWitt & Krusi, 630 Monadnock Bldg., San Francisco; Industrial Engineering & Equipment Corp., 708 Subway Terminal Bldg., Los Angeles; R. F. Hamilton & Associates, 612 Insurance Bldg., Denver; Fred S. Baldwin, 4949 Stanford, Seattle. See ad page 30.

MATTOX MACHINE CO., 11915 E. Bonwood Rd., El Monte, Calif.—Gough Industries, Inc., 819 E. 1st St., Los Angeles 54; Electrical Contractors Supply, 4701 W. Jefferson Blvd., Los Angeles 16; Panama Lamp & Com'l Co., 700 E. 1st St., Los Angeles; 815 Howard St., San Francisco 3, and 912 12th Ave., Seattle 22; Gilbert Bros., 826 S.W. 2nd Ave., Portland 4.

MAYTAG CO., Newton, Iowa—Maytag West Coast Co., 1225 W. 9th St., Los Angeles; Maytag Northwest Co., 1136 N.W. Hoyt, Portland; Maytag Rocky Mountain Co., P. O. Box 1579, Colorado Springs, Colo.; Maytag Southwestern Co., 111 Leslie St., Dallas.

MELL-O-CHIME & SIGNAL CORP., 119 S. Jefferson St., Chicago 6, Ill.—J. C. Coulson, 449 W. Jackson St., Phoenix; E. Holloway Co., 333 Jersey St., Denver 7; McMillen-Stanley Co., 778 Natoma St., San Francisco; NuRo Company, 301 Southland Life Bldg., Dallas 1, P. O. Box 4526, Houston, and 414 Houston Bldg., San Antonio.

MEMCO ENGINEERING & MFG. CO., INC., Commack, Long Island, New York—D. T. Elliott, 420 Market St., San Francisco; W. E. Holiman Co., 1508 Capitol Ave., Houston; Preferred Equipment Engineers, 2615 5th Ave., Seattle; Sales Engineers, Inc., 1440 11th St., Denver.

MEND-IT-SLEEVE MFG. CO., 136 Bonita Avenue, Piedmont 11, Calif.—Sold direct by manufacturer. See ad page 30.

MERCOID CORPORATION, 4201 Belmont Ave., Chicago 41, Ill.—Neil H. Peterson Co., 1129 Folsom St., San Francisco; Jensen Instrument Co., 1919 W. Beverly Blvd., Los Angeles; J. M. Warner Co., 200 West 48th, Denver; Stevens Sales Co., 41 P. O. Place, Salt Lake City; Heating Assurance, Inc., Spokane; Clowe & Cowan, Amarillo; Southland Supply, Dallas; Industrial Equipment Co. of Houston, Houston; E. H. Langdon Co., Seattle; George S. Thomson Co., El Paso. See ad page —

MERCURY ELECTRIC CO., 30 Irving Place, New York City—Schueler & Weston, 923 E. 3rd, Los Angeles.

MERCURY TELE. & RADIO CORP., 861 N. Spring St., Los Angeles, Calif.—C. G. Hamilton, 1355 Market St., San Francisco.

MERIT-MADE, INC., 33 Franklin St., Buffalo 9, New York—G. R. Schumann Co., 467 Phelan Bldg., 760 Market St., San Francisco 2.

MERKLE KORFF GEAR CO., 213 N. Morgan St., Chicago, Ill.—Kollin Electric Co., 1412 Los Angeles St., Los Angeles.

METALECTRIS, INC., 18 East 54th St., New York City, N. Y.—Robert R. Prussia, 224 Harriet St., San Francisco 3.

METAL WARE CORP., 1700 Monroe St., Two Rivers, Wis.—Al Auger, 1700 Sanchez Ave., Burlingame, Calif.

METER DEVICES CO.
1001 Prospect Ave., S.W.,
Canton 6, Ohio
Western representatives: Fred W. Carlson, 2307 5th Ave., Seattle; J. G. Corrin, 600 So. Highland Ave., Los Angeles; Hamilton & Associates, 612 Insurance Bldg., Denver, and 4715 Watauga Road, Dallas, Texas.

METROPOLITAN ELECTRIC MFG. CO., 2250 Steinway St., Long Island City, N. Y.—(For Fuses) Keeler, White Co., 615 Seventh St., San Francisco, and in following cities: 436 Colyton St., Los Angeles; 302 N.W. Fourth Ave., Portland; 1041 Sixth Ave. S., Seattle; A. J. Elggren & Sons, 428 South West Temple, Salt Lake City. (All other products) Home Office.

METZGAR COMPANY, 412 Douglas N.W., Grand Rapids, Mich.—A. S. Lindstrom, 866 Folsom St., San Francisco; H. L. Stewart, 1547 Estudillo Ave., Los Angeles; F. E. Bennett, 426 N. W. 6th St., Portland; A. J. Isaacsen, 45 S. 3rd West St., Salt Lake City; E. D. Flournoy, 113 West Central Ave., Albuquerque; Standard Cycle & Supply Co., 1811 E. Sprague Ave., Spokane; Materials Handling Equip. Co., 1437 Elliott St., Seattle.

MEYERS SAFETY SWITCH CO., INC., 423 Tehama St., San Francisco 3, Calif. See ad page 63.

MICA INSULATOR CO., 800 Broadway, Schenectady 1, N. Y.—Western Fiberglas Supply, 937 S. Grand Ave., Los Angeles 15, and 739 Bryant St., San Francisco. Bakoring, Inc., (Lamicoid only) 1020 Houston Ave., Houston 10.

MICRO SWITCH, Freeport, Ill.—Branch office: 1709 W. 8th St., Los Angeles. Sold through distributors in all principal cities.

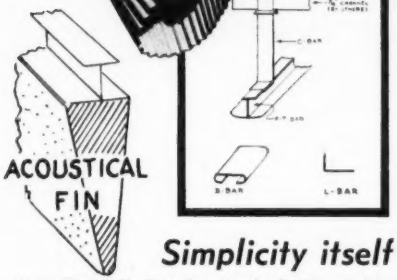
MIDGET HEATER & SPECIALTY CO., 2801 Pacific Ave., Tacoma, Wash.

MID-WEST CHANDELIER CO., 15th and Gentry, Kansas City, Mo.—Jerre Podorson, 758 So. Ardmore Ave., Los Angeles; D. B. Adams, Box 7062, Phoenix; Joe Blonder, 2617 N.E. 14th Ave., Portland.

MIDWEST ELECTRIC MFG. CO., 1639 W. Walnut St., Chicago 12, Ill.—A. Allen Smith, 1513 Mateo St., Los Angeles; Kenneth B. Schumann, 814 12th St., Denver.

MILBANK MFG. CO., 411 W. 10th St., Kansas City, Mo.—Industrial Eng. & Equipment Corp., Subway Terminal Bldg., Los Angeles; J. W. Watkins, Skinner Bldg., Seattle.

MILLER ELECTRIC CO., 32 River St., Pawtucket, R. I.—J. M. Chapman, 290 9th St., San Francisco; Lloyd Gunther, Portland.



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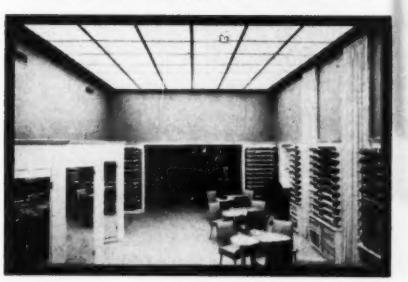
Martin Electric Products, Inc., has developed a simplified suspension system for "MARLUX." Each part is designed for a specific job yet utilizes the ¾" x ½" channel familiar to the suspended ceiling industry.

MARTIN'S "MARLUX" is flexible in one direction — yet completely RIGID when supported at 3 foot intervals. Corrugations increase rigidity without affecting transmission. Made in standard rolls, 36" wide by 50' or 100' long, thereby reducing installation cost by eliminating cross bracing. More light for less money. "Utilization Factors" as high as 90% are possible. Scientific fire tests prove "MARLUX" will soften under flame, but will not burn. "MARLUX" has been installed below sprinklers and so approved by insurance companies, with no rate increase. "MARLUX" Acousti-fins may be used where additional sound correction is desired.

Now...LUMINOUS CEILINGS
WITH MARTIN'S
"MARLUX"



Luminous Ceiling installation using Martin's "MARLUX" at Saks, 5th Avenue, Beverly Hills, California, in two-foot-square panels, providing 50 foot candles of uniform illumination.

SPECIFY the "Lighting of To-morrow." Write for the "MARLUX STORY." Complete engineering service available.

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West Coast Representatives
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H. B. Squires Co., Mr. S. P. Russell, 156 Eighth St., San Francisco California

SOLD EXCLUSIVELY THROUGH ELECTRICAL DISTRIBUTORS

MILLER CO., 99 Center St., Meriden, Conn.—Branch Office: A. T. Bergeron, West Coast Dist. Mgr., 1201 Bryant St., San Francisco; R. C. English, 3814 N.E. Wasco St., Portland 13; E. D. Heintze, 6519 W. 26th Ave., Denver.

MILLER EQUIPMENT CO., INC., 13th and New Streets, Franklin, Pa.—Davis Emergency Equipment Co., 1246 Howard St., San Francisco; J. E. Haseltine & Co., S.W. 2nd Ave. and Ash St., Portland; Western Hdwe. & Tool Co., 122 Tenth St., San Francisco; Universal Safety & Fire Equip. Co., 727 S.W. Temple St., Salt Lake City; Thunderbird Sales Corp., Phoenix.

MILO MFG. CO., 2255 Bush St., San Francisco, Calif.

MILWAUKEE ELECTRIC TOOL CORP., 5316 W. State St., Milwaukee 8, Wis.—Dirks & Co., 416 N.W. 14th Ave., Portland; G. A. Shoemaker Co., 574 Eddy St., San Francisco; Leethem Co., 1341 S. Hope St., Los Angeles; Jordan Sales, 5313 N. 12th St., Phoenix.

MINERALLAC ELECTRIC CO., 25 N. Peoria St., Chicago, Ill.—George E. Honn Co., 420 Market St., San Francisco; Mountain States Machinery, 1526 Blake St., Denver; F. J. Airey Co., 1513 S. Mateo, Los Angeles; Jack Ogle, 105 Orena St., Seattle; Glidden Eng. & Equipment, 3802 Winchester, Houston.

MINNEAPOLIS - HONEYWELL REGULATOR CO., Industrial Div., Wayne & Windeim Aves., Philadelphia, Pa. — Branch Offices: 1136 Howard St., San Francisco 3 (W. L. Gustafson, Mgr.); 2840 E. Olympic Blvd., Los Angeles 23 (R. B. Grant, Mgr.); 1600 W. 13th Ave., Denver 4, Colo. (D. W. Larcen, Mgr.); 1472 S. State, Spokane (G. E. Winslow); 226 N. Division St., Spokane 8; 1600 W. 13th Ave., Denver 4.

MINNESOTA MINING & MFG. CO., 900 Fauquier Ave., St. Paul 6, Minn.—Branch Office: 450 Alabama St., San Francisco, M. D. Benson, West Coast Sales Manager; J. R. Hauser, Sales Engr., San Francisco; F. L. Ludden, Sales Engr., Sacramento; G. R. Mayhew, Sales Engr., 6411 Randolph St., Los Angeles 54; E. C. Wilson, Sales Engr., Portland; R. A. Henderson, Sales Engr., 1242 6th Ave. So., Seattle 4.

MIRABLE ELECTRIC CO., 900 S. Wabash Ave., Chicago, Ill.—John C. Plummer, 224 Beechwood Dr., Los Angeles; Wm. H. Conners, 390 Ash St., Denver; Stuart M. Taylor, 930 S.W. 4th Ave., Portland 4.

MITCHELL MFG. CO., 2525 Clybourn Ave., Chicago Ill.—Jos. C. Platt, 2213 Fourth Ave., Seattle; E. J. Baughman, 43 W. Jefferson Ave., Phoenix; John H. Maddox, 420 Market St., San Francisco; Ben Clark, 307 Atlas Bldg., Salt Lake City; F. Yudelson, 1151 Broadway, Los Angeles.

MOBECO, INC., Watertown 72, Boston, Mass.—W. R. Williams, 4622 South East 84th, Portland 66; Herbert M. Stein, 444 South Cloverdale Ave., Los Angeles.

MODERN WATER EQUIPMENT CO., Rte. 64 & E. J. & E. R. R., West Chicago, Ill.—Morris De Lee, 8834 National St., Culver City, Calif.; O. B. Wilt, 1355 Market St., San Francisco; W. H. Connors, 1590 Eudora St., Denver.

MOE-BRIDGES CORP., 1415 Illinois Ave., Sheboygan, Wis.—H. George Shefler, P. O. Box 1587, Phoenix; D. A. Steinkamp Co., 2400 Gaylord St., Denver; Fred J. Stone, 1355 Market St., San Francisco.

MOE LIGHT, INC., Fort Atkinson, Wis.—E. T. Vonier, 1160 Elati St., Denver; Donald Gleason, 901 E. 45th St., Seattle; H. F. Janx, 1233 S. Genesee Ave., Los Angeles; K. D. Cummings, 6441 Pinehaven Road, Oakland

MOLONEY ELECTRIC COMPANY
5590 Bircher Blvd.,
St. Louis 20, Mo.
Western representatives: Garland-Affolter Engineering Corp. (in following cities), 2603 Western Ave., Seattle 1; 1233 N.W. 12th Ave., Portland; Subway Terminal Bldg., Los Angeles; 407 Holbrook Bldg., San Francisco 4; R. F. Hamilton & Associates, 612 Insurance Bldg., Denver 2; Riter Engineering Corp., 314 Kearns Bldg., Salt Lake City; Monitor Home Appliances, Inc., 604 Utah Ave., Butte; Ensign & Kempson, Industrial Bldg., Phoenix; A. W. Graham, P.O. Box 69, Clovis, N.M.

MONARCH FUSE CO., LTD., 118 E. First St., Jamestown, N. Y.—Keeler, White Co., in following cities: 615 7th St., San Francisco; 436 Colyton St., Los Angeles; 1041 6th Ave. So., Seattle; 322 N.W. Fourth Ave., Portland; George E. Anderson Co., 1901 Griffin St., Dallas; L. S. Reed Co., 2239 Colfax Ave., Denver.

MONARCH MALLEABLE IRON RANGE CO., 3928 Lake St., Beaver Dam, Wis.—Branch Offices: 470 Mandana Blvd., Oakland 10; Glenn L. Brown, Mgr.; 4422 55th Ave. N.E., Seattle 5, G. A. Lieser, Mgr.; 2326 N.E. 32nd Pl., Portland 12, E. E. Hanson, Mgr.; E. E. Zastrow, West 2307 Buckeye, Spokane 12.

MONITOR EQUIPMENT CORP., 640 West 249th St., New York City, N. Y.—Monitor Eng. & Sales Co., 1909 So. Western Ave., Los Angeles; O .B. Wilt Company, 1355 Market St., San Francisco 3; Earl Davison Co., 2340 Jefferson St., Tacoma; Monitor Home Appliances, Inc., 604 Utah Ave., Butte; Stewart Dist. Co., 505 So. First West, Salt Lake City; Climate Eng. & Dist. Co., 1926 Magoffin St., El Paso.

MONITOR CONTROLLER CO., 51 Hayward St., Boston, Mass.—Frank H. Bran Co., 607 East 6th St., Los Angeles; Slaybaugh-Thompson Co., 100 West 13th Ave., Denver; Lynn Elliott Co., 322 M & M Bldg., Houston; 607 Construction Bldg., Dallas.

MONOWATT, INC., 66 Bissell St., Providence, R. I.—W. S. Wanke, 5438 Linda Dr., Seaside Ranchos, Torrance, Calif.; James H. Blinn, 1140 Speer Blvd., Denver 4; J. C. Platt, 2213 4th Ave., Seattle 1.

MONTAG STOVE & FURNACE CO., 2011 N. Columbia Blvd., Portland 17, Ore.—General Sales Corp., 500 Minnesota, San Francisco; Osborn & Dermody, 253 Chestnut, Reno, Nev.

MONTGOMERY BROS., 1122 Howard St., San Francisco 3, Calif.—Branch Offices: 420 S. San Pedro St., Los Angeles 13; 1501 N.W. Kearney, Portland 10, and 911 Western Ave., Seattle 4. See ad page 4*.

MORGANITE, INC., 3302 48th Ave., Long Island City 1, N. Y.—T. F. Carter, 190B West Hillsdale Blvd., San Mateo, Calif.

MORSE CO., FRANK W., 1300 Soldiers Field Road, Boston, Mass.—H. H. Van Luven, 537 Ceres St., Los Angeles 13; Frank I. DuFrane, 1063 Howard St., San Francisco 3.

MOTORCRAFT, Box 470, Muncie, Indiana—Tri-State Supply Company, Los Angeles, San Francisco, Seattle, and General Electric Supply Co. all principal cities.

MOTOROLA, INC., 4545 Augusta Blvd., Chicago, Ill.—Branch Office: J. M. Tuttle, regional manager, Suite 407, Merchandise Mart, 1355 Market St., San Francisco. Sold through exclusive distributors.

MUELLER ELECTRIC CO., 1583 E. 31st St., Cleveland 14, Ohio—Harry E. Marshall, 104 Olive St., San Francisco 9; L. B. Putnam Co., 509 17th St., Denver 2.

MULLENBACH ELECTRIC MFG. CO., 2300 E. 27th St., Los Angeles 58, Calif.—Branch Office: 201 S.E. Washington St., Portland 14.

MULLINS MANUFACTURING CORP., 101 University, N.E., Warren, Ohio—Pioneer Appliance Co., 1355 Market St., San Francisco; Gough Industries, Inc., 819 E. 1st St., Los Angeles 54; Marshall-Wells Co., Seattle 14, and Spokane 2, and Portland 8; Devlin-Drew Co., 165 Broadway, Fresno, Calif.

MULTI ELECTRIC MFG. CO., INC., 4223 W. Lake St., Chicago 24, Ill.—Edwin C. Dunn, P. O. Box 268, Littleton, Colo.; Wm. Benndorf, P. O. Box 1926, Phoenix; Ray J. Noel Co., 1423 So. Broadway, Los Angeles.

MULTI PRODUCTS MFG. CO., 2040 Santa Fe Ave., Los Angeles, Calif.—Melbourne Zigmond, 2040 Santa Fe Ave., Los Angeles.

MURLIN MFG. CO., 5420 Paschall Ave., Philadelphia, Pa. — Allied Industries, 412 Seaton St., Los Angeles; Electrical Industries, 1135 Harrison St., San Francisco; E. A. Will, 532 First Ave. South, Seattle.

MURRAY MANUFACTURING CORP., 1250 Atlantic Ave., Brooklyn, N. Y.—Sales Engineers, Inc., 1440 11th St., Denver; Northwest Sales Co., 1603 N.W. Johnson St., Portland; Ernest F. Hauck Co., 383 Brannan St., San Francisco; Henger-Seltzer, 120 S. Hewet St., Los Angeles.

MURRAY CORP. OF AMERICA, Home Appliance Div., 1900 S. Washington Ave., Scranton, Pa.—F. S. Lodge, 1101 Noel 7, Menlo Park, Calif.; George D. Field, 5365 Abbeyfield St., Long Beach, Calif.; M. W. Battersby, 13727 Palatine Ave., Seattle.

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NARRAGANSETT WIRE CO., 541 Pawtucket Ave., Pawtucket, R. I.—Magnes Co., 725 2nd St., San Francisco; Agencies Co., 125 S. Santa Fe, Los Angeles.

NASH ENGINEERING CO., 338 Wilson Road, South Norwalk, Conn.—S. C. Pardee, Sharon Bldg., San Francisco.

NATIONAL ACME CO., Electrical Mfg. Div., 170 E. 131st St., Cleveland, Ohio—Jenison Machinery Co., 20th & Tennessee, San Francisco; R. Stuart Gibbs, 3757 Wilshire Blvd., and Henes-Morgan Machinery Co., 2026 Santa Fe St., Los Angeles.

NATIONAL APPLIANCE CO., 4814 W. Vernor Highway, Detroit, Mich.—C. A. King Co., 2323 Second Ave., Seattle.

NATIONAL CARBON DIV., Union Carbide & Carbon Corp., 30 E. 42nd St., New York City 17—Branch Offices: District Mgrs., R. P. Tolles, 114 Sansome St., San Francisco, and W. E. Herr, 200 S. Ervan St., Dallas.

NATIONAL ELECTRIC COIL CO., Columbus, Ohio—Walter McPherson, Jr., 109 W. 21st St., Long Beach, Calif.; D. W. Hatfield, 1510 Harvard Ave., Salt Lake City 5; G. H. Bragg, 212 19th St., Oakland.

NATIONAL ELECTRIC PRODUCTS CORP., 411 Seventh Ave., Pittsburgh 19, Pa., and Torrance, Calif.—Branch Offices: 1604 S.W. 10th Ave., Portland 1; 3504 N. Normandy St., Spokane 12; District Office: 714 W. Olympic Blvd., Los Angeles 15; 1049 Sixth Ave., Seattle 4; Regional Office: 400 Potrero Ave., San Francisco 10. Agents: Bacons, 3327 Brighton Blvd., Denver 5; Stevens Sales, P. O. Box 2338, Salt Lake City 10.

NATIONAL ENAMELING AND STAMPING CO., 270 N. 12th St., Milwaukee 1, Wis.—W. W. Wheat & Son, 560 1st Ave. S., Seattle 4; Alan Moore & Co., 520 W. 7th St., Los Angeles 14; The James Blinn Co., 1140 Speer Blvd., Denver 4; Russell and Co., 1355 Market St., San Francisco 3.

NATIONAL ENAMELING & MFG. CO., 61 Bridge St., Etna, Pittsburgh, Pa.—Associated Wholesale Electric Co., 1111 Santee St., Los Angeles; F. H. Simmer Co., 103 Thomas Bldg., Dallas; Keeler, White Co., San Francisco, Seattle and Portland.

NATIONAL IDEAL CO., 914 Summit St., Toledo, Ohio—Bowman Brothers, 1355 Market St., San Francisco.

NATIONAL PRESSURE COOKER CO., Eau Claire, Wis.—Corbin Company, 1147 South Hope St., Los Angeles; Raycraft Co., 568 Third St., Oakland; Columbia Dist. Co., 2601 Market St., Seattle.

NATIONAL SCREW & MFG. CO., 2440 E. 75th St., Cleveland, Ohio—National Screw & Mfg. Co. of Calif., 3423 S. Garfield Ave., Los Angeles 22; 1863 Wazee St., Denver; 964 Denny Way, Seattle 9; 1 Drumm St., San Francisco.

NATIONAL SPECIALTIES CO., Howell & Tyler St., Fort Wayne, Ind.—O. W. Coombs Sales Co., 123 W. 18th St., Los Angeles.

NATIONAL STAMPING & ELECTRIC WORKS, 3250 West Lake St., Chicago 24, Ill.—O. B. Wilt Co., 1355 Market St., San Francisco 3; Alan Moore & Co., 520 W. 7th St., Los Angeles 4; L. B. Lamar, 1246 First Ave. South, Seattle 4; J. D. Sheehan & Associates, P. O. Box 1346, Dallas.

NATIONAL STEEL CONSTRUCTION CO., 500 Myrtle St., Seattle, Wash.—James A. Riordan Co., Inc., 1150 Folsom St., San Francisco and in following cities: 619 Second Ave., Seattle; 863 Wazee St., Denver; 1400 Santa Fe Ave., Los Angeles.

NATIONAL TELEPHONE SUPPLY CO., 5100 Superior Ave., Cleveland 3, Ohio—Branch Office: 2543 Deveron Drive, Whittier, Calif. Agents: Joslyn Pacific Co., Los Angeles and San Francisco. See ad page 33.

NATIONAL VARNISHED PRODUCTS CORP., 211 Randolph Ave., Woodbridge, N. J.—Electrical Specialty Co., 316 11th St., San Francisco; Kearny-Stiles, 2020 Chestnut St., Dallas 10.

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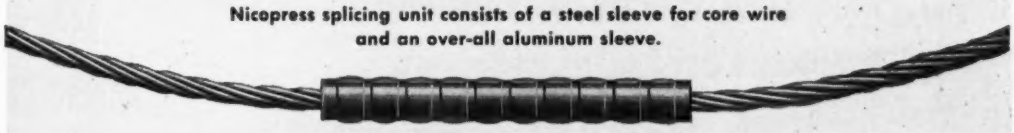

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NORGE DIV., Borg-Warner Corp., Merchandise Mart Plaza, Chicago, Ill.—Branch Office: R. H. Pixor, Regional Manager, 703 Market St., San Francisco. Distributors: Leo J. Meyberg Co., 33 Gough St., San Francisco; 2027 S. Figueroa St., Los Angeles, and 2930 Butler St., Fresno; F. B. Connelly Co., 1015 Republican St., Seattle.

NORTH AMERICAN ELECTRIC LAMP CO., 1014 Tyler St., St. Louis, Mo.—F. J. Airey Co., 1513 S. Mateo, Los Angeles 21; Fred G. Chemnitz Co., 1310 S.W. Alder St., Portland 5. See ad page 34.

NORTHERN LIGHT CO., 2051 N. 19th St., Milwaukee, Wis.—E. T. Vonier Co., 1048 Broadway, Denver.

NORTHWESTERN ELECTRIC CO., 1750 N. Springfield, Chicago, Ill.—Kaelin Electric Co., 1412 S. Los Angeles St., Los Angeles 15.

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NUTONE, INC., Madison & Red-Band Roads, Cincinnati, Ohio—Branch Office: F. B. Marple, Mgr., 919 E. 31st St., Los Angeles 11; James Paulin, 377 Los Casas, Pacific Palisades, Calif.; Julian Wolf, 1029 Summit Ave. N., Seattle 2; J. C. Ivy, 1118 Jackson St., Dallas.

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OKONITE COMPANY, Passaic, N. J.—I. W. Borda, Vice Pres. and Pac. Coast Mgr., 1622 Russ Building, San Francisco 4; Branch Offices: E. Danielson, Jr., 427 W. 5th St., Los Angeles 13; C. D. Ham, 882 Pittock Block, Portland; H. M. Denny, 1600 Northern Life Tower, Seattle 1; W. E. Nagel, Russ Bldg., San Francisco; O. W. Herring, Tower Petroleum Bldg., Dallas; J. Edmonds, 2116 Finnan St., Houston.

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ON-A-LITE CORP., 4784 S.E. 17th Ave., Portland, Ore.—Lifetime Plastic Co., 44 Madison St., Oakland 4, and 1355 Market St., San Francisco; Glenway Co., 4429 San Fernando Road, Glendale 4; La Jolla Sales Co., 7870 Ivanhoe, La Jolla, Calif; Far West Specialty Co., 5617 S.E. Salmon St., Portland; Simchuk Sales Co., 1016 Railroad Ave., Spokane 8; Morris Bros., Brokerage Co., No. 20 Wazee Market, Denver 4.

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ONE MINUTE WASHER CO., Kellogg, Iowa—Field Manager, Northern Calif., Paul Prietsch, 1355 Market St., San Francisco; Distributors: Bridge Beach & Co., San Francisco; Kenney & Faust, Fresno. Field Manager, Southern Calif., Byron McDonold, 5717 Condon Ave., Los Angeles; Distributor: The Corwin Co., 1147 S. Hope St., Los Angeles.

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PARAGON ELECTRIC CO., 1600 12th St., Two Rivers, Wis.—McCune Merifield Co., in following cities: 51 Fremont St., San Francisco; 1331 S. Los Angeles St., Los Angeles; 909 Western Ave., Seattle.

PARKER ELECTRICAL MFG. CO., 221 Washington St., Oakland, Calif.

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PENN-UNION ELECTRIC CORP., 315 State St., Erie, Pa.—F. M. Nicholas Co., 140 Spear St., San Francisco; Kenneth Anderson Co., 412 Seaton St., Los Angeles; Northwestern Agencies, 4130 First Ave. South, Seattle.

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PHOTOSWITCH, INC., 77 Broadway, Cambridge, Mass.—Branch Office: San Francisco. Agents: Bushnell Controls & Equip. Co., 509 Polk St., San Francisco and 3929 W. Jefferson Blvd., Los Angeles; Urquhart Service Co., 307 Mercantile Bldg., Denver; Eicher & Co., Inc., 263 Colman Bldg., Seattle; Leonard M. Slusser, 318 Dooly Bldg., Salt Lake City; Pacific Controls Co., 1238 Seymour St., Vancouver, B. C.

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PIERCE RENEWABLE FUSES, INC., 211 Hertel Ave., Buffalo, N. Y.—Walter E. Wallace Co., 3546 Lincoln Ave., Oakland; Henger-Seltzer Co., 120 S. Hewitt St., Los Anfieles; Northwest Sales Co., 1603 N. W. Johnson St., Portland; Slaybaugh-Thompson Co., 100 W. 13th Ave., Denver; Glidden Eng. & Equip. Co., 3802 Winchester St., Houston.

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PLASTOID CORP., 30 Mill Rd., Hamburg, N. J.—Harry Appleton Co., 311 W. Pico Blvd., Los Angeles.

POLES, INC., E. 706 Sprague Ave., Spokane, Wash.

POLLAK LUMINESCENT CORP., 732 S. Federal St., Chicago 5, Ill.—P. A. Douden, 1645 Wazee St., Denver; Army & Feigel, 4209 Parry Ave., Dallas.

PORCELAIN INSULATOR CORP., 761 Main St., Lima, N. Y.—Joslyn Pacific Co. in following cities: 5100 District Blvd., Los Angeles 11; 180 Potrero Ave., San Francisco; 1523 N. W. Kearney St., Portland 9; 2424 First Ave. South, Seattle 4.

PORCELAIN PRODUCTS, INC., 422 W. Sandusky St., Findlay, Ohio—Low Voltages: Allied Industries, 412 Seaton St., Los Angeles; Electric Industries, 1135 Harrison St., San Francisco; E. A. Will, 532 First Ave., So., Seattle; Leonard M. Slusser, 318 Dooly Block, Salt Lake City; H. M. Olmstead, 1534 Wazee St., Denver. High Voltage: Industrial Eng. & Equipment Co., 708 Subway Terminal Bldg., Los Angeles; J. W. Watkins, 551 Skinner Bldg., Seattle; Slaybaugh-Thompson Co., 100 W. 13th Ave., Denver.

PORTABLE ELECTRIC HEATER CO., 424 Benton St., Detroit 1, Mich.—Wm. P. Horn Co.; 1355 Market St., San Francisco; W. H. Connors, 1590 Eudora St., Denver.

PORTABLE ELECTRIC TOOLS, INC., 255 West 79th St., Chicago 20, Ill.—M. L. Bud Cohn, 1323 Venice Blvd., Los Angeles 6.

PORTER CABLE MACHINE CO., 1714 Saline St., Syracuse, N. Y.—Branch Office: 744 Harrison St., San Francisco; F. C. Paulsen, 2242 Temple St., Los Angeles; J. Manzari, Box 652, Lilngston, Mont.; Robert L. Mostue, 12012 Linden Ave., Seattle.

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PREMIER VACUUM CLEANER DIV., General Electric Co., 1900 Superior Ave., Cleveland 14, Ohio—1355 Market St., San Francisco 3.

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PROCTOR ELECTRC CO., 322 W. Hunting Park Ave., Philadelphia, Pa.—Branch Office: 707 So. Hill St., Los Angeles 14; 1262 18th Ave., San Francisco; 17 E. Thomas Rd., Phoenix; 2819 Eaton St., Denver.

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PROTECTOWIRE CO., Washington St., Hanover, Mass.—Branch Offices: Protectowire Pacific Co., Commerce Ave., Longview, Wash., and 742 South Hill St., Los Angeles.

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PYRAMID INSTRUMENT CORP., 49 Howard St., New York City—Allied Industries, 412 Senator St., Los Angeles; F. M. Nicholas Co., 140 Spear St., San Francisco; Northwestern Agencies, Inc., 4130 First Ave. So., Seattle; L. S. Reed Co., 1018 Lawrence St., Denver; Glidden Eng. & Equipment Co., Houston.

PYRENE MFG. CO., 560 Belmont Ave., Newark 8, N. J.—Ben S. Allen, Pacific Coast Mgr., 1177 Mission St., San Francisco 3.

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RAILWAY & INDUSTRIAL ENG. CO., Sub. of I-T-E Circuit Breaker Co., P. O. Box 98, Greensburg, Pa.—Branch Office: T. F. Maley, Mgr., Rialto Bldg., San Francisco. Agents: Garland Affolter Eng. Corp., 532 First Ave. So., Seattle and 1233 N. W. 12th Ave., Portland 9; W. R. L'Hommedieu, 722 E. Washington Blvd., Los Angeles.

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RELIANCE ELECTRIC & ENGINEERING CO., 1088 Ivanhoe Rd., Cleveland, Ohio — J. C. Shaffer, 411 Weatherly Bldg., Portland; F. G. Guthrie, 420 Market St., San Francisco; H. A. Latta, 714 W. Olympic St., Los Angeles; E. H. Nelson, 312 Occidental Ave., Seattle; Peterson Co., 4949 Colorado Blvd., Denver; Clarence W. Silver Co., 550 W. 7th South St., Salt Lake City.

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REPUBLIC STEEL CORP., Steel & Tubes Div., 224 East 131st St., Cleveland, Ohio—Branch Offices: General Petroleum Bldg., Los Angeles 13; 225 Rialto Bldg., San Francisco 5; White-Henry-Stuart Bldg., Seattle 1; Continental Oil Bldg., Denver 2.

RESIN INDUSTRIES, P. O. Box 1589, Santa Barbara, Calif.—Angus-Campbell, Inc., 5320 Santa Fe Ave., Los Angeles 58, 2122 Fourth Ave., Seattle and 241 San Bruno Ave., San Francisco 3; Insulation & Wires, Inc., 2043 Sacramento St., Los Angeles 21; 1077 Howard St., San Francisco 3 and 1072 N. E. Sandy Blvd., Portland 14; Tri-State Supply Corp., 544 So. San Pedro St., Los Angeles 13; 554 Bryant St., San Francisco 7 and 318 Occidental Ave., Seattle 4; Western Fiberglas Supply, 937 So. Grand Ave., Los Angeles 15 and 739 Bryant St., San Francisco.

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REYNOLDS ELECTRIC CO., 3000 River Road, River Grove, Ill.—Segman H. Kadin, 950 S. Flower St., Los Angeles 15.

RHEEM MFG. CO., 4361 Firestone Blvd., South Gate, Calif.—Branch Offices: 1804 Russ Bldg., San Francisco; 1515 S. W. 5th Ave., Portland and 4361 Firestone Blvd., South Gate, Calif.

RHODE ISLAND INSULATED WIRE CO., INC., 50 Burnham Ave., Cranston, R. I.—Marwood Limited, 320 E. 3rd St., Los Angeles, and 361 Ninth St., San Francisco.

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ROTISS-O-N A T CORPORATON, 22-15 Steinway St., Astoria, N. Y.—Paul Rice, 1355 Market St., San Francisco.

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RUSGREEN MFG. CO., 14262 Birwood Ave., Detroit, Mich.—L. R. Ward Co., 2711 Commerce St., Dallas; A. B. Smedley, 1254 N. Los Robles, Pasadena; K. M. Ryals, 461 Market St., San Francisco; Keeler, White Co., 322 N. W. 4th Ave., Portland; 1041 S. 6th Ave., Seattle and 204 Keith Bldg., Denver; O. J. Grendahl & Son, 7261½ E. Portland Ave., Phoenix.

RUSSELL, BURDSALL & WARD BOLT AND NUT CO., 4466 Worth St., Los Angeles, Calif.—Branch Office: Oakland, Calif. Representatives: Gillette & McLaren, 309 S. W. 3rd Ave., Portland and 407 Smith Tower, Seattle.

RUSSELL & STOLL CO., INC., 125 Barclay St., New York City, N. Y.—John Eichorn, 426 Bryant St., San Francisco; E. A. Will, 534 First Ave. So., Seattle 4; Allied Industries, 412 Seaton St., Los Angeles; Glidden Eng. & Equip. Co., 3802 Winchester St., Houston.

RUSTIC CRAFTS CO., INC., 29 Humphry St., Englewood, N. J.—Arthur C. Maryon Co., 1355 Market St., San Francisco; P. P. Sparling, 204 Ave. F., Billings, Mont.

RUTENBER ELECTRIC CO., Charles & Branson Sts., Marion, Ind.—Frank H. Barstow, 1406 So. Grand Ave., Los Angeles; W. E. Gnadt, 435 Atlas Bldg., Salt Lake City; Lloyd D. Marsh, 2601 First Ave., Seattle.

S-A MANUFACTURING CO., 5440 Russell Ave., Detroit, Mich.—Wm. J. Cottrell, 309 S. W. Third Ave., Portland; Warren D. Taylor, 44 McLea Court, San Francisco.

S & C ELECTRIC CO.
(Formerly Schweitzer & Conrad)
4435 Ravenswood Ave., Chicago, Ill.
Western representatives: Charles E. Klaus Co., 1004 S. E. Belmont, Portland 14; George E. Honn Co., 420 Market St., San Francisco 11; H. J. Randolph Company, 650 So. Grand Ave., Los Angeles 17; Muth-Richards Co., 2605 Western Ave., Seattle 1; A & A Supply Co., 1414 E. Central Ave., Albuquerque; Riter Engineering Co., Kearns Bldg., Salt Lake City; Peterson Company, 4949 Colorado Blvd., Denver 16.

SKF INDUSTRIES, INC., Front & Erie Ave., Philadelphia 32, Pa.—Branch Offices: 979 Bryant St., San Francisco 3, J. C. Bowman, Manager; 1419 So. Flower St., Los Angeles 15, W. F. Weidner, Mgr.; 1101 N. W. Glisan St., Portland 9, E. Isopera, Mgr.; 1420 18th St., Denver 2, A. H. Dixon, Mgr.

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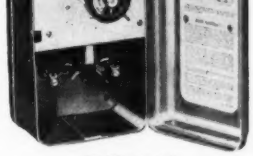
THE RELIANCE LINE OF TIME SWITCHES . . .

• Reliable devices for automatically controlling circuits where current is to be turned on and off at predetermined times daily. Fully guaranteed by the manufacturer and listed by the Underwriters' Laboratories.



M2 Illustrated

"BADGER" Synchronous

This model is specifically a heavy duty time switch designed and built to meet the demand for a reasonably priced switch with a capacity great enough to meet a wide variety of requirements. Extra-heavy gears, a slow-speed synchronous motor, and heavy copper-to-copper "floating" contacts—all help to make the "Badger" a better-built switch for long-lasting, accurate control.

All types are single throw (straight ON and OFF)

Type	Poles	Switch Capacity	Case
M1	1	50 A. at 125 V.	Sheet Steel
M2	2	50 A. at 125/250 V.	Sheet Steel
RM	1	50 A. at 125 V.	Cast Aluminum
RM5	2	50 A. at 125/250 V.	Cast Aluminum

W-22 Illustrated

"MODEL W" Synchronous

An extremely simple, compact and dependable time switch which with only three types, covers practically every time switch requirement. Has large silver contacts and heavy-duty self-starting motor. Type W-33 controls two separate circuits independently or simultaneously by merely setting the trip hands for the desired schedule of operation. Model W case is of 20 gauge steel finished in hammerloid enamel.

Type	Poles	Throw	Switch Capacity
W-11	1	Single Throw	30 A. at 125 V.
W-22	2	Single Throw	30 A. at 125/250 V.
W-33	2	Two Circuit	30 A. at 125/250 V.

Type 401

"MODEL 400" Synchronous

A simplified, smaller, lower cost time switch, especially suitable for automatic control of circuits up to 2500 watts, such as small window lighting installations, signs, oil burners, air conditioning, etc. Contacts are silver-to-silver. Timing element is driven with precision gear train and vernier time set. Numbered terminals are provided for all connections. Case is one-piece deep drawn steel with hinged cover.

Type	Poles	Throw	Switch Capacity
401	1	Single Throw	20 A. at 125 V.

Astronomic dial available on types W-11 and W-22.

Complete catalog gladly furnished on request.

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SAFETY ELECTRIC COMPANY, 53 W. Jackson Blvd., Chicago, Ill.—Panama Lamp & Com'l. Co., 815 Howard St., San Francisco.

SAFETY ELECTRIC EQUIPMENT CO., 2 Linares Ave., San Francisco 22, Calif.

SAFETY LIVE LINE TOOL CO., 1420 6th Ave., Oakland, Calif.—Slaybaugh & Thompson, 100 W. 13th Ave., Denver.

SAFE-T-SEAL LABORATORIES, 1534 No. Las Palmas, Los Angeles 28, Calif.

SAFETY SWITCHBOARD CO., 1445 Stevenson St., San Francisco, Calif.

ST. REGIS SALES CORP., 230 Park Ave., New York City (See Panelyte Div.)

ST. LOUIS MALLEABLE CASTING CO., 7701 N. Conduit Ave., St. Louis, Mo.—Lippincott & Co., Inc., in following cities: 1052 W. 6th St., Los Angeles 14; 461 Market St., San Francisco 5; 911 Western Ave., Seattle 4; Maydwell & Hartzell, Inc., in following cities: 427 W. 5th St., Los Angeles 13; 158 11th St., San Francisco 3; 1016 First Ave. So., Seattle 4; 1238 N. W. Glisan St., Portland 9.

SALISBURY & CO., 401 N. Morgan St., Chicago, Ill.—R. E. Cunningham & Son, Edison Bldg., Los Angeles; Graybar Electric Co., Inc., and Line Material Co., all principal cities.

SAMSON UNITED CORP., 1700 University Ave., Rochester, N. Y.—J. W. Marsh Co., 1517 W. Pico Blvd., Los Angeles; The Bennet Co., 837 Howard St., San Francisco; W. W. Wheat & Associates, 560 First Ave. South, Seattle; Peyser & Co., 1501 N. Weber St., Colorado Springs, Colo.; Martin Van Brauman Co., Dallas.

SANGAMO ELECTRIC CO., 1301 No. 11th St., Springfield, Ill.—T. S. Wood, 220 9th Ave., N., Seattle; L. A. Nott, 1061 Howard St., San Francisco; H. W. Wittenburg, 736 E. Washington Blvd., Los Angeles; Mountain States Machinery, 1526 Blake St., Denver; Frank Gorman, 1309 Texas St., El Paso; C. W. Ingraham, 5724 Penrose Ave., Dallas; J. E. Redmond, 402 West Madison, Phoenix.

SARGENT & CO., (Schollhorn Div.) 45 Water St., New Haven, Conn.—Robert Trefcer, Western Sales Mgr., 1624 Balboa Way, Raypark, Burlingame, Calif.

SARGENT - RAYMENT CO., 212 9th St., Oakland 7, Calif.—Sold through jobbers.

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Detroit, Mich.
Branch Plant: 1725 Standard Ave., Glendale, Calif. Western representatives: The Frank H. Bran Company (in following cities), 607 East Sixth St., Los Angeles; 444 Brannan St., San Francisco, and 4130 First Ave. So., Seattle; George E. Anderson Co., 1901 Griffin St., Dallas.

SCHAUER MFG. CORP., Dorchester & Reading, Cincinnati, Ohio—Barstow & Doran, 1406 S. Grand Ave., Los Angeles; W. H. Connors Co., 1590 Eudora St., Denver; Dean Lewis Associates, 1355 Market St., San Francisco; C. B. Parsons & Co., 119 Belmont Ave., Seattle.

SCHENECTADY VARNISH CO., INC., Congress & 9th Ave., Schenectady, N. Y.—Electrical Specialty Co., in following cities: 316 11th St., San Francisco 3; 418 East 3rd St., Los Angeles 13; 2406 First Ave. South, Seattle 4; 1015 21st St., Denver 2.

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SCHOTT CO., WALTER L., 9306 Santa Monica Blvd., Beverly Hills, Calif.—Charles N. Meyer, 1355 Market St., San Francisco; John B. Tubergen, 1406 S. Grand Ave., Los Angeles; Frank Wedel, 8041 12th, N.E., Seattle; M. F. Klicpera, P. O. Box 3113, Houston.

SCHWAGER-WOOD CORP., 8024 S.W. 35th Ave., Portland, Ore.—Love Electric Co., 732 Pacific Ave., Tacoma 2; K. M. Ryals Co., 461 Market St., San Francisco 5; Slaybaugh - Thompson Co., 100 West 13th Ave., Denver 4; A. B. Smedley, P. O. Box 67-C, Pasadena.

SCOTT & FETZER CO., 11401 Locust Ave., Cleveland 2, Ohio—Kirby Parts Corp., 420 N. Broadway, Portland 12.

SCOTT RADIO LABORATORIES, INC., 4500 Ravenswood Ave., Chicago, Ill.—Paul H. Rice Co., 1355 Market St., San Francisco.

SECHRIST MFG. CO., ALBERT, 1717 Logan St., Denver, Colo.—General Electric Supply Corp. all principal cities; Hendrie & Bolthoff Co., Denver.

SEGIL CO., L. J., 2500 W. North Ave., Chicago, Ill.—Frank Steiner, 807 W. 11th St., Los Angeles; Art Segil, 218 Del Monte Ave., South San Francisco; Al Slater & Associates, 1412 E. 56th St., Seattle; Milton Levkovitz, 4158 E. Hawthorne, Tucson.

SENTINEL RADIO CORP., 2100 Dempster St., Evenston, Ill.—E. J. Jordan, 117 N. Robertson St., Los Angeles; J. J. Backer, 2321 Second Ave., Seattle; William H. Connors, 1590 Eudora St., Denver.

SERV-ALL MFG. CO., 3251 N. Hoyne Ave., Chicago, Ill.—Allen & Dare, 1322 W. 11th St., Los Angeles 15; Pete Bach Electric, 1233 N.W. 12th Ave., Portland 9; Allen B. Carpenter Co., 820 12th St., Denver 4; Edw. C. Beasley & Associates, 1025 2nd Unit Santa Fe Bldg., Dallas 2.

SERVALL CO., 3572 Gratiot Ave., Detroit, Mich.—Electric Appliance Serv. Corp., in following cities: 726 W. Venice Blvd., Los Angeles; 302 17th St., San Diego; 1434 Howard St., San Francisco; Ray Jones Washing Machine Co., 376 Broadway, S., Denver 9; W. L. May Co., Inc., 215 N.W. Park Ave., Portland; Appl. Parts & Service Co., 216 Stewart St., Seattle and West 609 Trent St., Spokane.

SHELDON ELECTRIC CO., 68-98 Coit St., Irvington 11, N. J.—Branch Office: 2559 W. Pico Blvd., Los Angeles; W. Clif McLoud & Co., 5522 E. Colfax Ave., Denver 7; G. D. Norris Co., 3010 First Ave., Seattle; H. G. Sheffer, 240 E. 1st Ave., Phoenix. 240 S. 1st Ave., Phoenix.

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SHEPLER MFG. CO., 1312 Sheffield St., Pittsburgh, Pa.—F. L. Guenther, 1208-10 West, Seattle; E. R. Young, P. O. Box 903, Billings, Mont.; E. H. Rumer, 1037 Second Ave., Salt Lake City; J. D. Sheehan & Associates, Box 1346, Dallas; Kent Eng. Co., P. O. Box 1287, Denver 1; G. L. Hall & Associates, 1355 Market St., San Francisco, and Los Angeles.

SHERMAN MFG. CO., H. B., 22 Barney St., Battle Creek, Mich.—Detlesh & Co., 341 10th St., San Francisco.

SHURITE METERS, 61 Hamilton, New Haven 8, Conn.—James J. Backer Co., 2321 Second Ave., Seattle; James P. Hermans Co., 1234 Folsom St., San Francisco; Howard M. Saul & Associates, 5720 Wilshire Blvd., Los Angeles.

SIGNAL ELECTRIC MFG. CO., Broadway, Menominee, Mich.—Kenneth Anderson Co., 412 Seaton St., Los Angeles; Keeler, White Co., in following cities: 615 7th St., San Francisco; 1041 6th Ave. S., Seattle; 322 N.W. 4th Ave., Portland; S. 121 Madison St., Spokane; Keith Bldg., Denver. See ad page 41.

SIGNAL ENG. & MFG. CO., 154 W. 14th St., New York City—H. H. Van Luven Co., 307 E. 3rd St., Los Angeles 13; W. J. Mountford, 747 Electric Bldg., Houston; Albert S. Knight, 3006 Western Ave., Seattle; W. N. Wright, Dallas; Richards-Conant, Cooper Bldg., Denver; Turner Co., 420 Market St., San Francisco.

SIGNAL INDICATOR CORP., 16 East 20th St., New York City—Harry A. Lasure Co., 2216 West 11th St., Los Angeles; George D. Norris Co., 3010 First Ave., Seattle; Berthold Sales Co., P. O. Box 1052, Dallas.

SILENT HOIST & CRANE CO., 853 63rd St., Brooklyn 20, N. Y.—Branch Office: 3008 E. Olympic, Los Angeles.

SILENT SIOUX OIL BURNER CORP., 208 W. College Ave., Orange City, Iowa.—Earl E. Eckstrom & Associates, 2601 Second Ave., Seattle; L. O. Morin Sales Co., 832 W. 5th St., Los Angeles.

SILVRAY LIGHTING, INC., 1270 Sixth Ave., New York City—B. T. Heinz, Dexter Horton Bldg., Seattle 4; C. T. Bakeman, 752 Natoma St., San Francisco; H. X. Sheeter, 406 S. Main St., Los Angeles 13. Graybar Elec. Co., all branches.

SILEX COMPANY, 80 Pliny St., Hartford, Conn.—Branch Offices: 1248 Wholesale St., Los Angeles; 2058 17th Ave., San Francisco; Fisher-Meier Co., 821 N.W. Flanders St., Portland, and 102 Terminal Sales Bldg., Seattle; James H. Blinn, 1140 Speer Blvd., Denver.

SIMONDS MACHINE CO., INC. 246 Worcester St., Southbridge, Mass.—A. A. Barbera & Co., 311 N. Martel, Los Angeles.

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SIMPLEX MFG. CO., Franklin & Merritt Sts., Auburn, N. Y.—Nibley & Walk, 465 California St., San Francisco.

SIMPLEX TIME RECORDER CO., 26 S. Lincoln, Gardner, Mass.—Branch Offices: 933 W. Second St., Los Angeles; 47 Second St., San Francisco; 1418 N. Larrabee, Portland; 906 Third Ave., Seattle; 340 W. Washington St., Phoenix; 43 W. Broadway, Salt Lake City; 1817 California St., Denver; 714 Idaho St., Boise.

SIMPLEX WIRE & CABLE CO., 79 Sidney St., Cambridge 39, Mass.—Branch Offices: Simplex Wire & Cable Co. of Calif., Garnett-Young & Co. Managers in following cities: 910 East Third St., Los Angeles 13; 390 Fourth St., San Francisco 7; 503 Polson Bldg., Seattle 4; Krippner & Polley, 1166 Elati St., Denver 4; Conely Eng. Co., 165 S. 1st West St., Salt Lake City 1.

SIMPSON ELECTRIC CO., 5208 W. Kinzie St., Chicago 44, Ill.—R. G. Bowen, 1896 S. Humboldt St., Denver 10; D. H. Burcham, 917 S.W. Oak, Portland 5; C. R. Lynch, 210 W. 7th St., Los Angeles 14; W. J. Purdy, 420 Market St., San Francisco.

SISSELL CO., INC., LLOYD L., 4326 E. 3rd St., Los Angeles 22, Calif.

SKILSAW, INC., 5033 Elston, Chicago 30, Ill.—Branch Offices: 2730 S. Broadway, Los Angeles; 246 S. Van Ness Ave., San Francisco; 2327 4th Ave., Seattle; 534 N.W. 6th Ave., Portland; 1022 W. 9th St., Spokane.

SLADE MFG. CO., 140 Roseville Ave., Newark, N. J.—Panama Lamp & Com'l Co., 815 Howard St., San Francisco.

SLATER ELECTRIC & MFG. CO., INC., 56th St. and 37th Ave., Woodside, N. Y.—J. C. Richards, 433 Colyton St., Los Angeles 13; Ernest F. Hauck, 383 Brannan St., San Francisco 7; Bruce-Emmett Co., 830 S.E. Alder, Portland 14; Olson Robertson Co., 2820 N. Henderson, Dallas.

SMITH CO., S. MORGAN, 500 Lincoln St., York, Pa.—District Office: Ross L. Mahon, Mgr., 1st National Bank Bldg., San Francisco 4. Agents: E. A. Finkbeiner, 609 Lewis Bldg., Portland 4; Wm. N. Grooms, 630 Dooly Block, Salt Lake City 1; E. N. Hallgren Co., 1252 First Ave. South, Seattle 4; Water Works Supply, 448 S. Hill St., Los Angeles 13, and 681 Market St., San Francisco; Dana E. Kepner, 1921 Blake St., Denver.

SMITH, A. O., 3533 N. 27th St., Milwaukee, Wis.—Branch Office: R. L. Howes, Dist. Administrator, 727 W. 7th St., Los Angeles. Agent: Schueler & Weston, 923 E. 3rd, Los Angeles.

SMITHCRAFT LIGHTING DIVISION, Chelsea 50, Mass.—Fred D. Benz Co., 444 Brannan St., San Francisco; Wm. Benndorf, 429 West Jeffersno St., Phoenix; W. D. Howze & Co., 5603 N. Figueroa St., Los Angeles 12; J. R. Penning, 2323 Second Ave., Seattle.

SMOOT-HOLMAN CO., 321 N. Eucalyptus, Inglewood, Calif.—Branch Offices: C. E. Smoot, Jr., 55 Mississippi St., San Francisco; Peter Smoot, 4215 Graustark, Houston. Agents: Fred Zaugg, 907 N.W. Irving St., Portland; J. R. Christensen, 524 F St., Salt Lake City; F. C. Scharr, 441 Dexter Horton Bldg., Seattle; E. T. McGillan, 513 S. Amherst, Albuquerque; Floyd H. Boyer, P. D. Box 1751, Denver.

SOAPSTONE DUCT CO., 417 Montgomery St., San Francisco, Calif.

SOLA ELECTRIC CO., 4633 W. 16th St., Chicago 50, Ill.—Branch Offices: Edward S. Sievers, 5171 Hollywood Blvd., Los Angeles 37; Joseph M. Smith, 190 Otis St., San Francisco, and 3625 S. Grand Ave., Los Angeles; Northwestern Agencies, 4130 1st Ave. S., Seattle 4; Slaybaugh & Thompson, 100 W. 13th St., Denver; James B. Stuart, Dallas.

SOLAR ELECTRIC CORP., 121 Central Ave., Warren, Pa.—D. C. Smith, 4627 Natalie Dr., San Diego; Ed Warburg Co., 1207 E. 8th St., Los Angeles; F. L. Guenther, 2216 1st Ave., Seattle; A. J. Elggren & Sons Co., 428 S.W. Temple, Salt Lake City; Chas. L. Tolliver Co., 221 G & W Bldg., Billings; Sam W. Folsom, 1102 N. Windomere, Dallas; Marius-McKamy Sales Corp., 1807 E. Olympic Blvd., Los Angeles; Colton & Kuper, 2588 Grove St., Oakland 12.

SORGEL ELECTRIC CO., 838 W. National Ave., Milwaukee, Wis.—Fred Carlson, 2307 5th Ave., Seattle; J. E. Edstrom, 519 N.W. Park Ave., Portland; Floyd H. Boyer, P.O. Box 1751, Denver; Glidden Eng. & Equip. Co., 3802 Winchester St., Houston, and 2523 McKinney, Dallas; H. D. Easterbrook, 1262 S. Boyle Ave., Los Angeles; Campbell & George Co., 379 Brannan St., San Francisco. See ad back cover.

SOUTHERN ELECTRIC PRODUCTS, 828 N. Fant St., Anderson, S. C.—Lee Arter Co., 672 S. Lafayette Park Pl., Los Angeles 5; C. L. Evans, 181 First Ave., Salt Lake City, and Terminal Sales Bldg., Seattle.

SOUTHERN STATES EQUIPMENT CORP., Hampton, Georgia—Joseph C. Platt, 2213 Fourth Ave., Seattle; H. Lee Rawlings, 230 S. 4th West St., Salt Lake City; B. A. Franklin, Security Life Bldg., Denver; A. W. Graham, P. O. Box 69, Clovis, N. Mex.; Pacific Electro Sales, Inc., 144 Townsend St., San Francisco; Raymond D. Andrews, 5603 N. Figueroa St., Los Angeles.

SPANG-CHALFANT DIV. NATIONAL SUPPLY CO., P. O. Box 416, Pittsburgh, Pa.—J. C. Bird, 614 New World Life Bldg., Seattle; Murphy-Hain Co., 720 East 2nd St., Los Angeles; Arthur E. Rowe, 660 Mission St., San Francisco. See ad page 53.

SPAULDING FIBRE CO., INC., 310 Wheeler St., Tonawanda, N. Y.—C. D. LaMoree, 1325 San Julian St., Los Angeles 15; 2221 Fourth St., Berkeley 2; 711 N. W. Everett, Portland 9, and 166 Jackson St., Seattle 1.

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SPEEDWAY MFG. CO., 1834 So. 52nd Ave., Cicero, Ill.—James J. Backer Co., 2321 Second Ave., Seattle; Denham Sales Service, 538 Polk St., San Francisco; Porter Littell Sales Co., 150 West 12th Ave., Denver; Fred G. Littlejohn, 2363 E. 38th St., Los Angeles.

SPENCER THERMOSTAT CO., 34 Forest St., Attleboro, Mass.—F. H. Appleton, 36 Eastern Ave., Pasadena; Frank J. Lillis, Instrument Sales, 2137 2nd Ave., Seattle.

SPENCER TURBINE CO., 486 New Park Ave., Hartford 7, Conn.—Branch Office: 656 So. Los Angeles St., Los Angeles; Scott Equipment Co., 55 Brady St., San Francisco.

SPERO ELECTRIC CORP., 18222 Lanken Ave., Cleveland 8, Ohio—Hockensmith Sales, 1262 So. Boyle Ave., Los Angeles; Pete Bach, 1233 N. W. 12th Ave., Portland.

SPERTI-FARADAY, INC., 1322 Church St., Adrian, Mich.—Wm. Benndorf, 70 Windsor Ave. W., Phoenix; P. W. Cook, 912 E. Third St., Los Angeles; Gaer, Florance & Associates, 2052 Humboldt St., Denver; Charles A. Meier Co., 1473 Harrison, San Francisco; Leonard Slusser, 318 Dooly Bldg., Salt Lake City 1; W. W. Wheat & Son, 560 First Ave., So., Seattle 4; Robert M. Schow, 1709 W. 8th St., Los Angeles 17. See ad page 49.

SPRAGUE ELECTRIC CO., North Adams, Mass.—Burgess Dempster, 2008 West 7th St., Los Angeles; Wm. J. Purdy, 420 Market St., San Francisco; Dale Weber, 234 Sherlock Bldg., Portland.

SQUARE D COMPANY, Western Division, 4335 Valley Blvd., Los Angeles 32, Calif.—Branch Offices and *also Factories. *Seattle, Spokane, Portland, San Diego, *San Francisco, Sacramento. Agents: Stevens Sales Co., 41 P. O. Place, Salt Lake City; Sun Valley Elec. Mfg. Co., 710 West Colfax, Denver and 106 E. Buchanan, Phoenix; Electrical Equip. Co., 561 Divisadero Fresno, Calif.; A. E. Linzer, 305-A Liliuokalani, Honolulu, T. H.

STACKPOLE CARBON CO., Tannery St., St. Marys, Pa.—Branch Offices: Pacific Coast Manager, H. S. Wegemer, 2117 Poppy Dr., Burlingame, Calif.; G. H. Peppler, Mgr., 409 22nd St., Santa Monica, Calif.

STANDARD ELECTRIC TIME CO., 89 Logan St., Springfield, Mass.—Branch Offices: 16 Beale St., San Francisco; 106 W. 3rd St., Los Angeles; New World Life Bldg., Seattle; 264 E. 1st South St., Salt Lake City; 562 Pennsylvania St., Denver.

STANDARD OIL CO. OF CALIF., 200 Bush St., San Francisco, Calif.—Sales Offices: Oakland, Los Angeles, Long Beach, San Diego, Bakersfield, Sacramento, Fresno, Phoenix, Portland, Salt Lake City, Spokane and Seattle.

STANDARD TRANSFORMER CO., Dana St., Warren, Ohio—Kirk-Palka Co., 415 Wall St., Los Angeles and 420 Market St., San Francisco; Southwestern Co., 730 Security Bldg., Phoenix; A. J. Elggren, 428 S. W. Temple St., Salt Lake City; J. C. McDougall, 520 First Ave. South, Seattle; Mark G. Mueller Co., 1644 Blake St., Denver 2; Industrial Equip. Co., 6829 Navigation Blvd., Houston; A & A Supply Co., 1414 E. Central Ave., Albuquerque and Fulweiler Bldg., Abilene, Tex.

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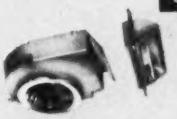

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STRUTHERS-DUNN, INC., 150 N. 13th St., Philadelphia, Pa.—Eicher & Co., 263 Colman Bldg., Seattle; Edward S. Sievers, 5171 Hollywood Blvd., Los Angeles; C. E. Ingalls, 541 Monadnock Bldg., San Francisco; Alex Hibbard Co., 1159 Stout St., Denver 4; J. Y. Schoonmaker, 2011 Cedar Springs, Dallas 1.

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SUPERIOR PORCELAIN CO., 931½ Market St., Parkersburg, West Va.—Eckert-Lloyd Co., 2115 So. San Pedro, Los Angeles; Albert S. Knight Co., 3010 Western Ave., Seattle; Thomas D. Noble Co., 210 12th St., San Francisco.

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TITAN MFG. CO., INC., 290 Terrace, Buffalo, N. Y.—Don Slumann & Co., 130 West 12th St., Denver; Clyde Allen Co., 1355 Market St., San Francisco; David Gladstone & Associates, 416 W. Olympic Blvd., Los Angeles.

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TRADE-WIND MOTORFANS, INC., 5725 S. Main St., Los Angeles, Calif.—George H. Curtiss, 222 29th St., Oakland 11; W. G. Cline & Co., 812 12th St., Denver 4; Wm. O. Proby & Associates, 4271 S.E. Stark, Portland 15, and 817½ 5th Ave. N., Seattle 9.

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TRIANGLE CONDUIT & CABLE CO., INC., New Brunswick, N. J. —Rex E. Larsen, 923 E. 3rd St., Los Angeles; R. F. McDonald, 656 Townsend St., San Francisco; Roger Bayley, 12221 Greenwood Ave., Seattle.

TRICO FUSE MFG. CO., 2948 N. 5th St., Milwaukee, Wis.—Albert S. Knight, 3010 Western Ave., Seattle 1; Hughson & Merton, 1270 Bush St., San Francisco 9; H. H. Van Luven, 537 Ceres Ave., Los Angeles 13; Wm. E. Brice Co., 1512 Pease Ave., Houston; R. F. Hamilton & Associates, 4715 Watauga Rd., Dallas; The Pape Organization, 2127 S. Holly St., Denver 7.

TRILMONT PRODUCTS CO., 2401 Walnut St., Philadelphia 3, Pa.—Les Taufenbach, 2404 W. 7th St., Los Angeles; Columbia-Western Co., 1023 S.W. Yamhill, Portland, and Pier 59, Seattle; E. Lloyd Sutton, 1900 Beach St., San Francisco.

TRINE MFG. CORP., 1430 Ferris Place, New York City 61, N. Y. —Ralph W. Sullivan, 420 Market St., San Francisco 11; J. R. Penning, 2323 Second Ave., Seattle.

TRIPLETT ELECTRICAL INSTRUMENT CO., Harmon Road, Bluffton, Ohio—James J. Backer, 2321 2nd Ave., Seattle 1; Russ Hines Co., 234 9th St., San Francisco 3; Howard M. Saul, 5720 Wilshire Blvd., Los Angeles 36; Gates Co., 200 S. Main St., Salt Lake City; H. George Shefler, P. O. Box 1587, Phoenix.

TROMBETTA SOLENOID CORP., 329 N. Milwaukee St., Milwaukee, Wis.—C & M Wholesale Elec. Co., 6240 Maywood Ave., Bell, Calif.; Consolidated Mach. & Sup. Co., Ltd., 2029 Santa Fe Ave., Los Angeles.

TRUMBULL ELECTRIC MFG. CO., Plainville, Conn.—California Regional Mgr., J. W. Barry, 11115 Vanowen St., North Hollywood, Calif.; District Mgr., A. F. Rogers. Representatives: D. Farrand, D. Howard and W. G. Foster, North Hollywood, San Francisco Dist. Mgr., L. M. Kerkhof, 260 S. Van Ness Ave.; Representatives: R. R. Robinson, S. H. Anderson, San Francisco. Northwest Regional Mgr., W. I. Downie, 303 W. Hudson St., Seattle 14., District Mgr., T. M. Widrig. Representatives: T. A. Dietrichs, D. J. Donohue, and W. H. White, Seattle.

TUCKER SNO-CAT CORP., P. O. Box 888, Medford, Oregon—Direct from factory.

TUTTLE & KIFT, INC., 1823 N. Monitor Ave., Chicago 39, Ill.—Western Factors, 90 Dearborn St., Seattle 4; A. M. Solen, 1225 E. 17th Ave., Denver 6; D. B. Kift, 5309 S. District Blvd., Los Angeles 22.

TUTTLE & CO., H. W., 261 W. Maumee St., Adrian, Mich.—Montgomery Bros. in following cities: 1122 Howard St., San Francisco; 2113 S. San Pedro, Los Angeles; 911 Western Ave., Seattle; 1104 N.W. 15th, Portland.

U C LITE MFG. CO., 11 E. Hubbard St., Chicago, Ill.—Manufacturers Marketing Service, P. O. Box 277, Menlo Park, Calif.; 2342 Franklin St., San Francisco, 328 West 2nd South, Salt Lake City; 6209 W. 26th Ave., Denver.

UNION INSULATING CO., INC., Parkersburg, West Va. — Lynn & Brooks, 1401 S. Hope, Los Angeles; 9931 N.E. Mason, Portland, and 2048 Market St., San Francisco; Allen B. Carpenter Co., 820 12th St., Denver; M. C. Huie Co., 2810 Canton St., Dallas.

UNION MANUFACTURING CO., 296 Church St., New Britain, Conn.—Joseph C. Fletcher, 1415 Folsom St., San Francisco; David E. Williams, 213 Greenleaf Ave., Whittier, Calif.; D. H. Lundin Co., 1127 E. Northlake, Seattle.

UNION METAL MFG. CO., 1432 Maple Ave. N.E., Canton 5, Ohio —Branch Offices: R. G. Vanden-Boom, Western Dist. Mgr., 3248 Long Beach Ave., Los Angeles; Taper Tube Pole Co., 630 Monadnock Bldg., San Francisco 5; Westinghouse Electric Supply; General Electric Supply Corp., Line Material Co., Graybar Electric Co., all principal cities.

UNISTRUT PRODUCTS CO., 1013 W. Washington Blvd., Chicago 7, Ill.—Squires & Marshall, 780 Bryant St., San Francisco; Glenmart Co., Inc., 990 S. Fair Oaks Ave., Pasadena, Calif.; Williams, Gritton & Wilde, 204 Dooly Bldg., Salt Lake City; Landes, Zachary & Peterson, 272 S. Santa Fe Dr., Denver 9, and 302½ W. Central, Albuquerque; Unistrut Northwest Service Co., 2434 First Ave. S., Seattle 4, and 112 S.W. Pine St., Portland. See ad page 45.

U. S. ELECTRICAL MOTORS, INC., 200 E. Slauson, Los Angeles, Calif.—Branch Offices: 564 4th St., San Francisco; 3427 4th Ave. S., Seattle; 561 Divisadero, Fresno, Calif.

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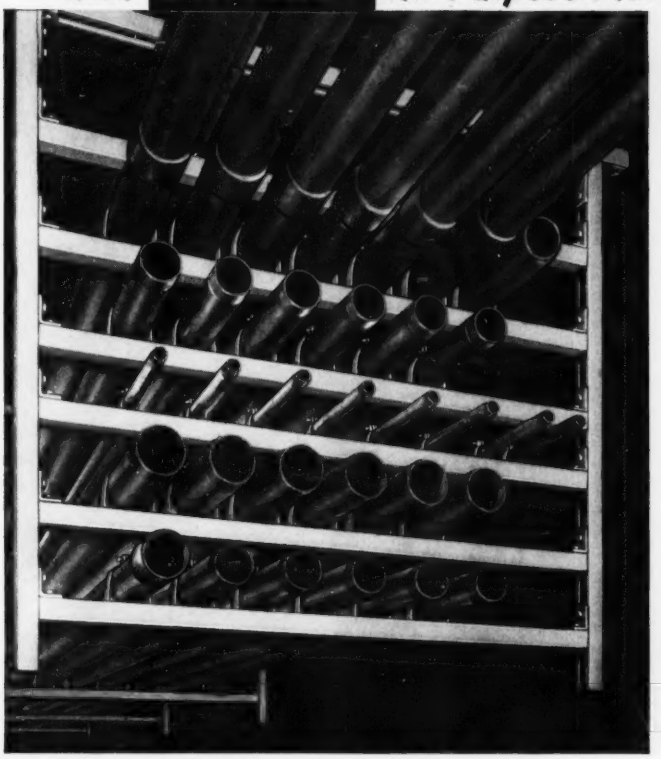

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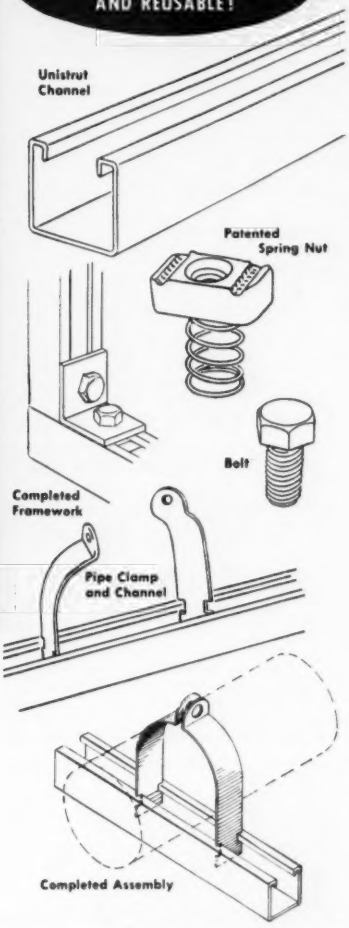

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YOUNG BROTHERS CO., 1831 Columbus Road, Cleveland, Ohio O. H. Rosentreter, 3622 E. Slauson Ave., Maywood, Calif.; James R. Hewitt, Jr., 1213 Capitol Ave., Houston.

YOUNGSTOWN SHEET & TUBE CO., Youngstown 1, Ohio—Branch Offices: Youngstown Steel Products Co. in following cities: 714 W. Olympic Blvd., Los Angeles; 55 New Montgomery St., San Francisco; 555 Central Bldg., Seattle; 814 Continental Oil Bldg., Denver.

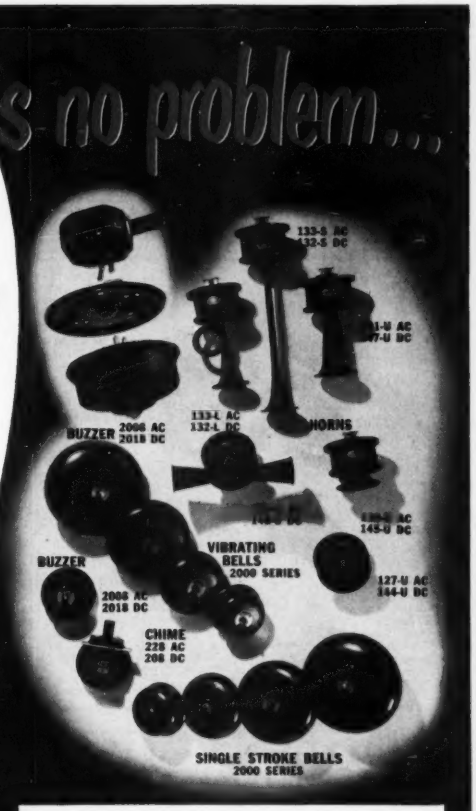
ZENITH RADIO CORP., 6001 W. Dickens Ave., Chicago 39, Ill.—H. R. Basford Co., 235 15th St., San Francisco; Sues, Young & Brown, Inc., 3636 S. Brunson Ave., Los Angeles; Seattle Hdwe. 501 First Avenue South, Seattle; W. H. Bintz Co., 433 West 3rd South St., Salt Lake City; Elec'l Dist. Co., 140 N.W. 14th Ave., Portland; Elec'l Equipment Co., First Ave. at Madison, Phoenix; Western Appliance Corp., 201 S. Cherokee, Denver; Columbia Elec. & Mfg. Co., 123 S. Wall, Spokane.

ZENITH ELECTRIC CO., 152 W. Walton St., Chicago 10, Ill.—James Mundstock, 320 Market St., San Francisco.

ZOPHAR MILLS, INC., 112 26th St., Brooklyn 32, N. Y.—Electrical Specialty Co. in following cities: 316 11th St., San Francisco 3; 418 E. Third St., Los Angeles 13; 2406 First Ave., Seattle 1, and 1015 21st St., Denver 2.

Plant conversion's no problem...

when you install a Faraday heavy duty signal



17 INTERCHANGEABLE UNITS

Regardless of constantly changing noise conditions in various departments, UNI-PACT's 17 interchangeable signals—bells, buzzers, horns, chimes—all fitting one adapter plate, give you complete control of the different "noise" levels. Because of this in-plant versatility, it makes any conversion problem easy with "tailor-made" units that allow for quick change.

UNI-PACT is easy to install. Just four simple steps—wire to the back of dead front adapter plate which fits standard four inch outlet box or condulet fitting. Secure adapter plate to box. Plug in UNI-PACT signal and secure with locking screws. For panel mounting, a special adapter plate with extra long terminals is furnished without charge when specified.

121-S HORN

A rugged, heavy duty signal for general alarm, starting and dismissal signals in all types of industrial plants. Maximum signal strength, loud clear tone, instantaneous performance, long life are a few of its features.

ATL-700 BELL

The highest quality in neck type vibrating bells, giving resonant clear tone at maximum sound output. It's weatherproof, has a cast frame, is easily connected to exposed conduit or outlet box. Available in 4"–6"–10" diameters.

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Gaer, Florance & Assoc.
P. O. Box 3096, E. Colfax Sta.,
Denver 5, Colorado
C. A. Meier Co.,
1473 Harrison St., San Francisco 3, Calif.
Robert M. Schow,
1709 W. 8th St., Los Angeles 17, Calif.
Leonard Slusser,
318 Dooly Bldg., Salt Lake City 1, Utah
W. W. Wheat & Son,
560 First Ave., Seattle 4, Washington

Sperti Faraday Inc.
ADRIAN, MICHIGAN

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VISUAL AND AUDIBLE PAGING DEVICES AND SYSTEMS

WHERE-TO-BUY IN THE WEST

Alphabetical listing of various electrical products, showing manufacturers and Western sources. **PAGES 50 TO 65.**

DIRECTORY OF MANUFACTURERS—Alphabetical listing of manufacturers of electrical equipment, showing their principal Western offices and sales representatives. **PAGES 1 TO 49.**

DIRECTORY OF APPLIANCE SERVICE AND REPAIR PARTS—A listing of electrical appliance manufacturers' Western service stations and parts depots. **PAGES 66 TO 81.**

DIRECTORY OF WESTERN REPRESENTATIVES—A listing by states and cities of manufacturers' representatives handling electrical lines. **PAGES 82 TO 88.**

Adapters, All Types

All Steel Equip. Inc.,
Appleton Elec. Co.
Benjamin Elec. Mfg. Co.
Crouse-Hinds Co.
General Elec. Co.
North American Elec. Lamp. Co.
Steel City Co.

Adhesives, Glues and Cements

L. B. Allen Co.
General Elec. Supply Corp.
General Elec. Co.
P. D. George Co.
Graybar Electric Co., Inc.
U. S. Rubber Co.
Van Cleef Bros.
Westinghouse Elec. Corp.

Air Conditioning

Air Cooling Eng. Co.
Campbell & George
Denham Sales
General Elec. Co.
General Elec. Supply Corp.
Frank W. Gorman
Gough Industries, Inc.
Graybar Elec. Co., Inc.
Mitchell Mfg. Co.
Montgomery Bros.
Northwest Sales & Eng. Service
Smallcomb Elec. Co.
Walter E. Wallace Co.
Westinghouse Elec. Corp.

Air Filters

Air Cooling Eng. Co.
Campbell & George
Signal Elec. Mfg. Co.

Alloys

Driver-Harris

Ammeters, Ohmmeters, Voltmeters, Wattmeters

Associated Research, Inc.
C. C. Blecksmith
Burlington Instrument Co.
Carlson, Fred W.
Cole Instrument Co.
Duncan Elec. Mfg Co.
General Elec. Co.
General Elec. Supply Corp.
Graybar Elec. Co., Inc.
Geo. E. Honn Co.
James R. Kearney Corp.
Lint Co., Clyde W.
Nicholas, Fred M.
L. A. Nott
Pyramid Instrument Co.
T. R. Routh Co.
Sangamo Elec. Co.
A. B. Smedley
Somerville, G. N.
H. B. Squires Co.
L. W. Thompson
Westinghouse Elec. Corp.
Weston Elec. Instr. Corp.

Anchor and Guy Rods

A. B. Chance Co.
Copperweld Steel Co.
Everstick Anchor Co.
General Elec. Co.
General Elec. Supply Corp.
Frank W. Gorman
Gough Industries, Inc.
Graybar Elec. Co., Inc.
George E. Honn Co.
Hubbard & Co.
Joslyn Pacific Co.
James R. Kearney Corp.
Kortick Mfg. Co.
Line Material Co.
Locke Inc.
Maydwell & Hartzell, Inc.
Oliver Iron and Steel Corp.
Pieper-Lillard Co.
Ryals Electric Co.
Wagner Malleable Prod. Co.

Anchors

A. B. Chance Co.
Everstick Anchor Co.
General Elec. Supply Corp.
Frank W. Gorman
Gough Industries, Inc.
Geo. E. Honn Co.
Hubbard & Co.
Joslyn Pacific Co.
James R. Kearney Corp.
Kortick Mfg. Co.
Line Material Co.
Lint Co., Clyde W.
Locke Inc.
W. N. Matthews Corp.
Maydwell & Hartzell, Inc.
Oliver Iron and Steel Corp.
Pieper-Lillard, Inc.
Poles, Inc.
Ryals Electric Co.
Wagner Malleable Prod. Co.
Waltham, DeWitt & Krusi

Annunciators

General Elec. Supply Corp.
Gough Industries, Inc.
Graybar Elec. Co., Inc.
Pomeroy Co., J. G.
Sperti-Faraday
H. H. Van Luven Co.

Appliances, Commercial

Curtiss, H. R.
General Elec. Co.
General Elec. Supply Corp.
Graybar Elec. Co.
Hotpoint, Inc.
Landers, Frary & Clark
Russell & Co.
Solen Co., Albert M.
Swiveller Co.
Wesix Electric Heater Co.
Westinghouse Elec C.orp.

Appliances, Household

Bendix Home Appliances, Inc.
Ceazan Co., J. N.
George H. Curtiss
Crown Elec. Mfg. Corp.
Curtiss, H. R.
General Elec. Co.
General Elec. Supply Corp.
General Mills, Inc.
Gough Industries, Inc.
Graybar Elec. Co., Inc.
Hotpoint, Inc.
Landers, Frary & Clark
Malleable Iron Range Co.
Nesco, Inc.
Reliance Sales Co.
Russell & Co.
Samson United Corp.
Solen Co., Albert M.
Swartzbaugh Mfg. Co.
Thermador Elec. Mfg. Co.
Waage Mfg. Co.
Wesix Electric Heater Co.
Westinghouse Elec. Corp.

Armor Rods

Aluminum Co. of America
American Steel & Wire
Columbia Steel
Preformed Line Products Co.

Arresters, Power Line Lightning

Ken H. Best
General Electric Co.
General Elec. Supply Corp.
Geo. E. Honn Co.
Hubbard & Co.
Joslyn Pacific Co.
James R. Kearney Corp.
Line Material Co.
Maydwell & Hartzell, Inc.
Pacific Electro Sales
Reliable Electric Co.
S & C Electric Co.
So. States Equipment Co.
Westinghouse Elec. Corp.
Tom Wood

Ballasts, Fluorescent Lamp

Agencies Co.
Certified Ballasts Mfgrs.
Chicago Transformer Co.
General Elec. Co.
General Elec. Supply Corp.
Gough Industries
Graybar Elec. Co., Inc.
Industrial Electronics
Noel Co., Ray J.
A. B. Smedley
Sola Electric Co.
Sylvania Elec. Prod., Inc.
Thermador Elec. Mfg. Co.
Westinghouse Elec. Corp.
Wuelker Infra-Red & Lighting Co

Bands, Cable and Pole Stubbing

Gough Industries, Inc.
Graybar Elec. Co., Inc.
Hubbard & Co.
James R. Kearney Corp.
Joslyn Pacific Co.
Kortick Mfg. Co.
Line Material Co.
Maydwell & Hartzell, Inc.
Oliver Iron & Steel Corp.

Batteries and Equipment

Allen-Bradley
Bright Star Battery Co.
California Elec. Works
Campbell & George Co.
Ceazan Co., J. N.
H. D. Easterbrook
General Elec. Supply Corp.
Gough Industries, Inc.
Graybar Elec. Co., Inc.
Ideal Industries, Inc.
Kato Engineering Co.
P. D. Mallory
Pacific Electro Sales

Bells and Buzzers

Agencies Co.
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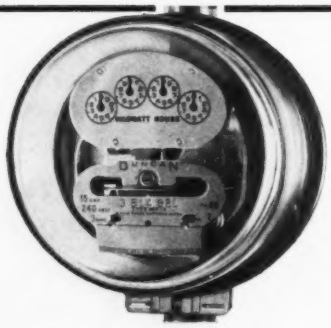
Benjamin Elec. Mfg. Co.
Fred D. Benz Co.
Brainard, W. V.
Control Corp.

• WATTHOUR METERS •
• DEMAND METERS •
• METER SOCKETS •



DUNCAN
WATTHOUR METERS

DUNCAN ELECTRIC MFG. CO.
LAFAYETTE *Territory Representatives* INDIANA
- C. C. Blecksmith, 164 S. Central, Los Angeles 12, Calif.
- Eicher & Co., 263 Colman Bldg., Seattle 4, Wash.
- Paul A. Douden & Co., 1645 Wazee St., Denver 2, Colo.
- Osborne & Kitchen, Inc., Box 1831, Reno, Nevada
- United Electric Supply Co., 117 W. 4th South St., Salt Lake City 9, Utah
- A. and A. Supply Co., Box 1516, Albuquerque, N. Mex.
- Industrial Elect. Products, Inc., Box 1428, Phoenix, Ariz.

Crouse-Hirds Co.
Electric Agencies, Inc.
Electric Sales Co.
Federal Enterprises, Inc.
General Elec. Supply Corp.
Gough Industries, Inc.
Geo. A. Gray Co.
Graybar Elec. Co., Inc.
"Hock" Ensmith Sales
F. M. Nicholas Co.
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Pomeroy Co., J. G.
Prussia Co., Robt. B.
Sperti - Farraday
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Industrial Safety Belt Corp.
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Electric Sales Co.
Fullman Mfg. Co.
General Elec. Supply Corp.
Gough Industries, Inc.
Geo. A. Gray Co.
Graybar Elec. Co.
Greenlee Tool Co.
Line Material Co.
Lint, Clyde W.
H. P Martin & Sons
McGillan Sales Co.
Murphy-Hain Co.
F. M. Nicholas Co.
J. G. Pomeroy Co.
Schueler & Weston
Westinghouse Elec. Corp.

Blanks, Knockout or Snap-in

Appleton Electric Co.
Austin Co., M. B.
Benz Co., Fred D.
Buchanan Elec'l Prod.
Lint, Clyde W.

Blowers, Compressors

Allis-Chalmers Mfg. Co.
Anderson Co., Kenneth
Bran Co., Frank H.
George H. Curtiss
Gough Industries, Inc.
Graybar Elec. Co., Inc.
Ideal Industries, Inc.
Montgomery Bros.
Motorcraft
Smallcomb Elec. Co.
Strieby & Barton, Ltd.
Trade-Wind Motorfans, Inc.

Bolts, Nuts

Carlson, Fred W.
Gen. Elec. Supply Corp.
Gough Industries, Inc.
Hubbard & Co.
Joslyn Pacific Co.
Kortick Mfg. Co.
Kwikon Co.
Line Material Co.
Lombard Smith
Oliver Iron & Steel Corp.
Westinghouse Elec. Corp.

Boxes, All Kinds

All Steel Equipment Co.
Appleton Elec. Co.
The M. B. Austin Co.
Best, Ken H.
The Frank H. Bran Co.
Brainard, W. V.
Buchanan Elec. Products, Inc.
Chapman Co., J. M.
Delta Star Elec. Co.
Fullman Mfg. Co.
G. & W. Elec. Specialty Co.
General Cable Corp.
General Elec. Supply Corp.
General Elec. Co.
General Eng. & Design Co.
Gough Industries, Inc.
George A. Gray Co.
Graybar Elec. Co., Inc.
C. E. Ingalls & Sons
F. D. Kees Mfg. Co.
Meyers Safety Switch Co.
Murphy-Hain Co.
Murray Mfg. Co.
National Elec. Prod. Corp.
Northwestern Agencies
O. Z. Electrical Mfg. Co.
J. G. Pomeroy Co.
Porcelain Products, Inc.
Prussia Co., Robt. B.
Rusgreen Mfg. Co.
Russell & Stoll
Schueler & Weston
Square D. Co.
Steel City Elec.
Union Insulating Co., Inc.
Westinghouse Elec. Corp.

Braces ((See Crossarms)

Brackets, All Types

Electrical Engrs. Equip. Co.
Benz Co., Fred D.
General Electric Supply Corp.
Gough Industries, Inc.
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Kortick Mfg. Co.
Line Material Co.
Lint, Clyde W.
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National Elec. Prod.
Ohio Brass Co.
Westinghouse Elec. Corp.

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Agencies Co.
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Crouse Hinds Co.
Federal Elec. Prod. Co.
General Elec. Co.
General Electric Supply Corp.
Gough Industries, Inc.
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Harold M. Hudson Co.
C. E. Ingalls
Line Material Co.
Oliver B. Lyman
Mullenbach Electrical Mfg. Co.
Murray Mfg. Co.
Northwestern Agencies
Sangamo Elec. Co.
Square D Company
L. W. Thompson
Trumbull Elec. Mfg. Co.
H. H. Van Luven
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L. W. THOMPSON

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Switch Gear
Switch Boards
Electrical Measuring
Instruments
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Los Angeles 12, Calif.

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Graybar Elec. Co., Inc.
C. E. Ingalls
James R. Kearney Corp.
Kyle Co.
Line Material Co.
Maydwell & Hartzell, Inc.
Mullenbach Electrical Mfg. Co.
Pacific Elec. Mfg. Corp.
Square D Co.
L. W. Thompson
H. H. Van Luven
Westinghouse Elec. Corp.

Bus Fittings

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Burndy Eng'g Co.
Cole Electric Co.
E. B. Cook Co.
Delta Star Elec. Co.
Electric Agencies, Inc.
Electrical Engineers Equipt. Co.
General Elec. Co.
General Electric Supply Corp.
Gough Industries, Inc.
Graybar Elec. Co., Inc.
C. E. Ingalls & Sons
James R. Kearney Corp.
Lapp Insulator Co.
Line Material Co.
Locke Inc.

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Torrington Fan Blades
ILG Fans & Blowers
Chelsea Fans

Peerless Fans & Blowers
Signal Fans & Blowers
Debothezat Fans & Wheels
Utility Fans, Blowers & Coolers
M & E Spray Booth Fans

Trade-Wind Clipper Exhausters
Blowers & Shutters
Air Flo Automatic Shutters
Owens-Corning Glass Filters
Master Blowers

Sausse Vibration Dampeners
Electra Motors
Universal Motors
Browning V-Belt Drives
"Keep Klean" Fan Covers

SMALLCOMB ELECTRIC CO.

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Pacific Electro Sales
Penn-Union Elec. Corp.
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Ryals Electric Co.
Safety Switchboard Co.
Schwager-Wood Corp.
A. B. Smedley
Southern States Equipment Co.
Square D. Co.
H. B. Squires Co.
Trumbull Elec. Mfg. Co.
Unistrut Products Co.
Waltham, DeWitt & Kruse

Bushings

Appleton Electrical Co.
M. B. Austin Co.
The Frank H. Bran Co.
Buchanan Electrical Prod. Corp.
Delta Star Elec. Co.
Federal Enterprises, Inc.
General Elec. Co.
General Electric Supply Corp.
General Eng. & Design
Gough Industries, Inc.
Graybar Electric Co.
F. D. Kees Mfg. Co.
Kirk-Palka Co.
Kwikon Co.
Lapp Insulator Co., Inc.
Locke Inc.
Murphy-Hain Co.
Nat'l Electrical Products Corp.
Fred M. Nicholas
Northwest Sales Co.
O. Z. Electrical Mfg. Co.
Ohio Brass Co.
Porcelain Ins. Co.
Porcelain Products, Inc.
J. G. Pomeroy Co.
The R. Thomas & Sons Co.
Tri-State Supply Corp.
Union Insulating Co.
Victor Insulators, Inc.
Westinghouse Elec. Corp.

Cable Accessories

Agencies Co.
All Steel Equipment Co.
Aluminum Co. of America
American Steel & Wire Co.
Anaconda Wire & Cable Co.
M. B. Austin Co.
The Frank H. Bran Co.
Buchanan Electrical Prod. Corp.
Cole Elec. Co.
E. B. Cook
Delta Star Elec. Co.
Elec'l Engineers Equip. Co.
Everstick Anchor Co.
Fargo Mfg. Co., Inc.
G & W Elec. Specialty Co.
General Cable Corp.
General Elec. Co.
General Elec. Supply Corp.
Gough Industries, Inc.
Graybar Elec. Co., Inc.
Geo. E. Honn Co.
Ilsco Copper Tube & Prod.
C. E. Ingalls & Sons
Joslyn Pacific Co.
James R. Kearney Corp.
Kirk-Palka Co.
Kortick Mfg. Co.
Line Material Co.
Maydwell & Hartzell, Inc.
Murphy-Hain Co.
National Tele. Supply Co.
Northwest Sales Co.
O. Z. Electrical Mfg. Co.
Oliver Iron & Steel Co.
Penn-Union Elec. Co.
J. G. Pomeroy Co.
Reliable Elec. Co.
John A. Roebling's Sons Co.
Rome Cable Corp.
H. B. Sherman Mfg. Co.
A. B. Smedley
Tomic Sales & Eng. Co.
John H. Tubergen
Unistrut Products Co.

Cable, Armored

Agencies Co.
Allied Industries
American Steel & Wire Co.
Anaconda Wire & Cable Co.
The M. B. Austin Co.
The Frank H. Bran Co.
Collyer Insulated Wire Co.
Coulson, J. C.
Crescent Ins. Wire & Cable Co.
Electric Agencies, Inc.
Electric Sales Co.
General Cable Corp.
General Electric Co.
General Electric Supply Corp.
Gough Industries, Inc.
Graybar Elec. Co., Inc.
Line Material Co.
Marwood, Ltd.
Maydwell & Hartzell, Inc.
National Elec. Prod. Corp.
Okonite Company
J. G. Pomeroy Co.
James C. Pope, Jr.
Rockbestos Products Corp.
John A. Roebling's Sons Co.
Rome Cable Corp.
Simplex Wire & Cable Co.
A. B. Smedley
U. S. Rubber Co.
U. S. Steel Co.
Westinghouse Elec. Corp.

Cables

Agencies Co.
American Steel & Wire Co.
Anaconda Wire & Cable Co.
The M. B. Austin Co.
Benz Co., Fred D.
The Frank H. Bran Co.
John Carder, Jr., Co.
Chapman Co., J. M.
Earl S. Condon
Copperweld Steel Co.
Crescent Ins. Wire & Cable Co.
Electric Sales Co.
Essex Wire Corp.
General Cable Corp.
General Elec. Co.
General Electric Supply Corp.
Gough Industries, Inc.
George A. Gray Co.
Graybar Elec. Co., Inc.
Indiana Steel & Wire Co.
C. E. Ingalls
James R. Kearney Corp.
Kerite Co.
Line Material Co.
Marwood Limited
Maydwell & Hartzell, Inc.
Murphy-Hain Co.
Nat'l Electrical Prod. Corp.
F. W. Nicholas Co.
The Okonite Co.
Pacific Electro Sales
Paranite Wire & Cable Co.
Rockbestos Products Corp.
Rome Cable Corp.
John A. Roebling's Sons Co.
Simplex Wire & Cable Co.
A. B. Smedley
Triangle Conduit & Cable Co., Inc.
John B. Tubergen
United States Rubber Co.
United States Steel Corp.
H. H. Van Luven
Western Insulated Wire & Cable
Westinghouse Elec. Corp.
Young & Co., Robt. A

Cable Trays

Johns-Manville Corp.

Capacitors

Cornell Dubilier Elec. Corp.
John G. Corrin
Fast & Co., John E.
General Elec. Co.
General Elec. Supply Corp.
Gough Industries, Inc.
Graybar Elec. Co., Inc.
Geo. E. Honn Co.
Insulation and Wires
Kearney Corp., James R.
Line Material Co.
Oliver B. Lyman
Moloney Elec. Co.
Northwest Sales & Eng. Service
L. A. Nott
Sangamo Electric Co.
A. B. Smedley
Tri-State Supply Corp.
Westinghouse Elec. Corp.

Carbon Brushes

Electrical Specialty Co.
General Elec. Supply Corp.
Graybar Elec. Co., Inc.
Helwig Company
Holub Industries, Inc.
Insulation & Wires, Inc.
Marwood Limited
Northwest Sales & Eng. Service
Smallcomb Electric Co.
Tri-State Supply Corp.

Carbon Products

Electrical Specialty Co.
Helwig Co.
Ohio Carbon Co.
Tri-State Supply Corp.

Chairs—Cable, Pole Balconies and Seats

Chance Co., A. B.
Everstick Anchor Co.
Hubbard & Co.
Kearney Corp., Jas. R.
Locke, Inc.
Maydwell & Hartzell, Inc.

Chimes

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Kenneth M. Anderson Co.
F. J. Airey Co.
Benjamin Elec. Mfg. Co.
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The Frank H. Bran Co.
Electric Agencies, Inc.
General Elec. Supply Corp.
Gough Industries, Inc.
Gray Co., Geo. A.
Graybar Elec. Co., Inc.
O. Z. Elec'l Mfg. Co.
A. E. Rittenhouse Co., Inc.
Sperti-Faraday
Square D Co.

Clamps, Cable

Aluminum Co. of America
M. B. Austin Co.
Burndy Engineering Co.
Buchanan Elec'l Prod. Co.
A. B. Chance Co.
Copperweld Steel Co.
Delta Star Elec. Co.
Electrical Engrs. Equip. Co.
General Electric Co.
General Elec. Supply Corp.
Gough Industries, Inc.
Graybar Elec. Co.
Hubbard & Co.
Ilsco Copper Tube & Prod., Inc.
Joslyn Pacific Co.
James R. Kearney Corp.
Kirk-Palka Co.
Kortick Mfg. Co.
Lapp Insulator Co.
Line Material Co.
Malleable Iron Fittings Co.
W. N. Matthews Corp.
Maydwell & Hartzell, Inc.
Mineralac Elec. Co.
Murphy-Hain Co.
Ohio Brass Co.
Oliver Iron & Steel Co.
O. Z. Elec. Mfg. Co., Inc.
Pacific Electro Sales Co.
Pacific Elec. Mfg. Co.
Penn-Union Elec. Corp.
Reliable Elec. Co.
Roebling's Sons Co., John A.
H. B. Sherman Mfg. Co.
A. B. Smedley
Southern States Equipment Co.
Trumbull Elec. Mfg. Co.
Unistrut Products Co.
Victor Insulators, Inc.
Waltham, DeWitt & Krusi
Westinghouse Elec. Corp.

Clamps, Dead Ending

Aluminum Co. of America
Brewer-Titchener Corp.
Burndy Eng'g Co.
A. B. Chance Co.
Delta Star Elec. Co.
Fargo Mfg. Co.
General Elec. Supply Corp.
Graybar Elec. Co.
Hubbard & Co.
Joslyn Pacific Co.
Jas. R. Kearney Corp.
Kirk-Palka Co.
Lapp Insulator Co.
Line Material Co.
Matthews Corp.
Ohio Brass Co.
Oliver Iron & Steel Corp.
Penn-Union Elec. Corp.
Reliable Elec. Co.
Steel City Elec. Co.
Westinghouse Elec. Corp.

Clamps, Ground

Agencies Co.
All Steel Equip. Co.
Appleton Elec. Co.
Associated Sales Engineers
The M. B. Austin Co.
Best, Ken H.
Jasper Blackburn Products Corp.
Burndy Eng'g Co.
Carder Co., John
Copperweld Steel Co.
Crouse Hinds Co.
Delta Star Elec. Co.
Elec. Engrs. Equip. Co.
Electric Sales Co.
Fargo Mfg. Co.
General Elec. Co.
General Elec. Supply Corp.
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Graybar Elec. Co., Inc.
Geo. E. Honn Co.
Hubbard & Co.
Ilsco Copper Tube & Prod., Inc.
C. E. Ingalls
Joslyn Pacific Co.
James R. Kearney Corp.
Kirk-Palka Co.
Kortick Mfg. Co.
Kwikon Co.
Line Material Co.
Locke, Inc.
Malleable Iron Fittings Co.
Maydwell & Hartzell, Inc.
Murphy-Hain Co.
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Nicholas Co., F. M.
Northwestern Agencies
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Oliver Iron & Steel Co.
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Porcelain Products, Inc.
Reliable Elec. Co.
H. B. Sherman Mfg. Co.
Steel City Elec. Co.
Trico Fuse Mfg. Co.
H. H. Van Luven
Waltham, DeWitt & Krusi
Westinghouse Elec. Corp.

Clamps, Hot Line

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Chance Co., A. B.
Fargo Mfg. Co.
General Elec. Co.
Kearney Corp., Jas. R.
Line Material Co.
Lyman, Oliver B.
Locke, Inc.
Matthews Corp., W. N.
Maydwell & Hartzell, Inc.
Ohio Brass Co.
Reliable Elec. Co.
Westinghouse Elec. Corp.

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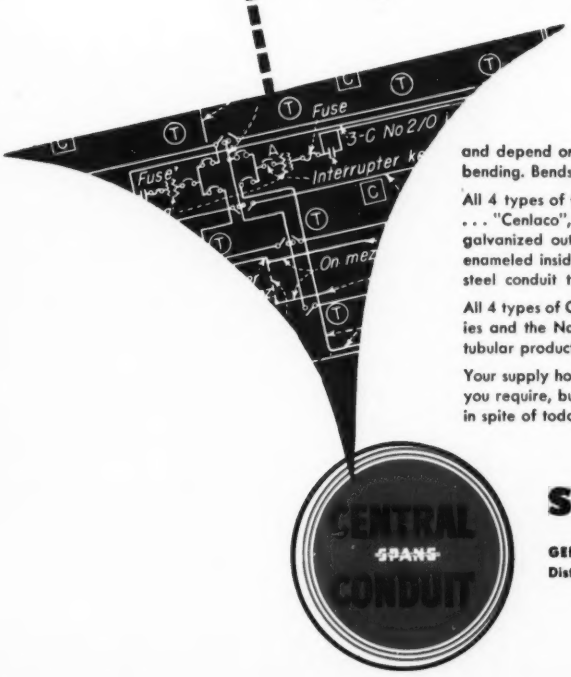

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Northwestern Agencies
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Arthur E. Rowe
Spang-Chalfant Div. Nat'l Supply
Triangle Conduit & Cable Co.

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Crouse Hinds Co.
Curtiss, George H.
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Electric Sales Co.
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Hockensmith Sales
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Kwikon Co.
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Pyle-National Co.
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A. B. Smedley
Square D Co.
Steel City Elec. Co.
Tri-State Supply Corp.
Wagner Malleable Products Co.
Westinghouse Elec. Corp.
Young & Co., Robt. A.

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The Frank H. Bran Co.
Crescent Ins. Wire & Cable Co.
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General Elec. Supply Corp.
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Graybar Elec. Co., Inc.
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National Elec. Prod. Corp.
Northeastern Agencies
Orangeburg Mfg. Co., Inc.
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Peterson, F. Somers
Tri-State Supply Corp.

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Graybar Electric Co.
Johns-Manville Corp.
Line Material Co.
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Rome Cable Corp.
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Brainard, W. V.
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Briegel Method Tool Co.
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Campbell & George Co.
Cannon Elec. Development Co.
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Carlson, Fred W.
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Crouse Hinds Co.
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Fisher-Armour Co.
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General Eng. & Design
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Graybar Elec. Co., Inc.
Holub Industries, Inc.
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Hubbard & Co.
Ideal Industries, Inc.
Ilsco Copper Tube & Prod. Co.
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Kirk-Palka Co.
Kwikon Co.
Kyle Co.
Line Material Co.
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Maydwell & Hartzell, Inc.
McGuire, Wm. D.
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National Tele. Supply Co.
F. M. Nicholas Co.
Northwest Sales Co.
Northwestern Agencies
Ohio Brass Co.
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Pacific Electro Sales Co.
Penn-Union Elec. Corp.
Pomeroy Co., J. G.
Reliable Elec. Co.
Rusgreen Mfg. Co.
Schueler & Weston
H. B. Sherman Mfg. Co.
A. B. Smedley
Square D. Co.
Squires Co., H. B.
Strieby & Barton, Ltd.
L. W. Thompson
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Wagner Malleable Prod. Co.
Waltham, DeWitt & Krusi
Western Hardware & Tool Co.
Tom Wood

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Burlington Instrument Co.
Campbell & George Co.
Clark Controller Co.
Control Corp.
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Crouse-Hinds Co.
Cutler-Hammer
H. D. Easterbrook
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Federal Enterprises, Inc.
Fisher-Pierce Co., Inc.
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Gough Industries, Inc.
Graybar Electric Co.
Henkel, F. C.
C. E. Ingalls
Mercoid Corp., The
Mitchell Co., C. H.
Moloney Elec. Co.
Montgomery Bros.
Mullenbach Elec'l Mfg. Co.
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A. B. Smedley
Square D Co.
Tork Clock Co.
Trumbull Elec. Mfg. Co.
Van Luven, H. H.
Tom Wood
Young & Co., Robt. A.

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Kato Eng. Co.
Lombard Smith
Westinghouse Elec. Corp.

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Collyer Ins. Wire Co.
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General Elec. Co.
General Electric Supply Corp.
Gough Industries, Inc.
Graybar Elec. Co.
Landers, Frary & Clark
Nat'l Elec. Products Corp.
Northwestern Agencies
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Rockbestos Products Corp.
Roebling's Sons Co., John A.
Rome Cable Corp.
Royal Elec. Corp.
A. B. Smedley
Sperti-Faraday
John B. Tubergen
U. S. Rubber Co.
Waage Mfg. Co.
Walter E. Wallace Co.
Western Ins. Wire Co.
Westinghouse Elec. Corp.

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Anaconda Wire & Cable Co.
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Benz Co., Fred D.
J. M. Chapman Co.
Collyer Insulated Wire Co.
Earl S. Condon
Crescent Ins. Wire & Cable Co.
Electric Sales Co.
Ericson Co.
General Cable Corp.
General Elec. Co.
General Elec. Supply Corp.
Gough Industries, Inc.
Graybar Elec. Co.
Maydwell & Hartzell, Inc.
National Elec. Products Corp.
Nicholas Co., F. M.
Northwestern Agencies
Okonite Co.
Ralph Pugh Co., Inc.
Rockbestos Products Corp.
John A. Roebling's Sons Co.
Rome Cable Corp.
Simplex Wire & Cable Co.
A. B. Smedley
Tri-State Supply Corp.
John B. Tubergen
U. S. Rubber Co.
U. S. Steel
W. E. Wallace Co.
Western Ins. Wire Co.
Westinghouse Elec. Corp.

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Peterson, F. Somers

Couplings

(See Connectors, Couplings)

Cranes

(See Derricks, or Trolley Systems)

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Graybar Elec. Co.
Geo. E. Honn Co.
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Hughes Bros.
Joslyn Pacific Co.
Line Material Co.
Locke, Inc.
Maydwell & Hartzell, Inc.
McCormick & Baxter Creosoting Co.
Waltham, DeWitt & Krusi
Westinghouse Elec. Supply

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G & W Electric Specialty Co.
General Elec. Co.
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Gough Industries, Inc.
Graybar Elec. Co., Inc.
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Hubbard & Co.
C. E. Ingalls & Sons
James R. Kearney Corp.
Kwikon Co.
Line Material Co.
W. N. Matthews Corp.
Maydwell & Hartzell, Inc.
Northwestern Agencies
Pacific Electro Sales Co.
Pacific Elec. Mfg. Corp.
Porcelain Products, Inc.
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S. & C. Electric Co.
Southern States Equipment Co.
Square D Co.
Wadsworth Electrical Mfg. Co.
Waltham, DeWitt & Krusi
Westinghouse Elec. Corp.

Cutters

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Bracken Sales Agency
General Electric Co.
Greenlee Tool Co.
Honn Co., George E.
Lint Co., Clyde W.
McGillan Sales Co.

Derricks—Dinkies

Four Wheel Drive Auto Co.
Highway Trailer Co.

Diggers, and Augers

(See Earth Boring Equipment)

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Gough Industries, Inc.
Graybar Elec. Co., Inc.
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Hubbard & Co.
Joslyn Pacific Co.
James R. Kearney Corp.
F. D. Kees Mfg. Co.
Kortick Mfg. Co.
Line Material Co.
Locke, Inc.
W. N. Matthews Corp.
Maydwell & Hartzell, Inc.
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S. & C. Electric Co.
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Waltham, De Witt & Krusi

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Petersen Engineering Co.
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General Elec. Co.
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Johns-Manville Corp.
Line Material Co.
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Maydwell & Hartzell, Inc.
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Safety Switchboard Co.
Square D Co.
Trumbull Elec. Mfg. Co.
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Graybar Elec.

Earth Boring Equip.—Continued

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Petersen Engineering Co.
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Graybar Elec. Co.
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General Elec. Supply Corp.
Gough Industries, Inc.
Graybar Elec. Co., Inc.
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Industrial Electronics Corp.
Ingalls & Sons, C. E.
Peterson, F. Somers
Randolph Co., H. J.
A. B. Smedley
Sylvania Electrical Products Co.
Square D Co.
H. B. Squires
Webster Elec. Co.
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Graybar Elec. Co., Inc.
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Meter Devices Co.
Murray Mfg. Co.
L. A. Nott
Square D Co.
Trumbull Elec. Mfg. Co.
Westinghouse Elec. Corp.
Tom Wood

Fans

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Ceazan Co., J. N.
Chapman Co., J. M.
George H. Curtiss
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General Elec. Supply Corp.
Gough Industries, Inc.
Graybar Elec. Co., Inc.
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Solen Co., Albert M.
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Westinghouse Elec. Corp.

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Russell & Co.
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Smallcomb Elec. Co.
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Owens-Corning Fibergias Corp.
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Westinghouse Elec. Corp.

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Strait & Richards, Inc.
Westinghouse Elec. Corp.

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Rockbestos Prod. Corp.

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(See Conduit Fittings)

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Electrical Engineers Equipt. Co.
General Elec. Co.
General Elec. Supply Corp.
Gough Industries, Inc.
Graybar Electrical Co., Inc.
James R. Kearney Corp.
Joslyn Pacific Co.
Kirk-Palka Co.
Line Material Co.
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Pacific Elec. Mfg. Corp.
Penn-Union Elec. Corp.
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Reliable Elec. Co.
H. B. Sherman Mfg. Co.
A. B. Smedley
Waltham, DeWitt & Krusi

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Faries Mfg. Co.
Noel Co., Ray J.
Kwikon Co.
Steel City Elec. Co.

Fittings, Insulator

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Buchanan Electrical Prod. Corp.
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Elec. Engrs. Equipment Co.
General Elec. Supply Corp.
Gough Industries, Inc.
Graybar Electric Co.
Hubbard & Co.
Joslyn Pacific Co.
Kirk-Palka Co.
Kortick Mfg. Co.
Lapp Insulator Co., Inc.
Line Material Co.
Locke, Inc.
Maydwell & Hartzell, Inc.
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Penn-Union Elec. Corp.
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Pauluhn Elec. Mfg. Co.
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Bracken Sales Agency
General Elec. Supply Corp.
"Hock" Ensmith Sales Co.
Multi Elec. Mfg. Co.
James Mundstock

Fittings, Pipe & Structural

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Elec'l Engrs. Equip. Co.
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Appleton Electric Co.
Associated Lighting Service
Bakeman & Associates, C. T.
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Joe Blonder Agencies
Bracken Sales Agency
Bright Light Reflector Co., Inc.
E. B. Cook
O. W. Coombs
Crouse Hinds Co.
Curtis Lighting, Inc.
Day-Brite Lighting, Inc.
Electric Agencies, Inc.
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Fluorescent Fixtures of Calif.
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Graybar Electrical Co., Inc.
Edwin F. Guth Co.
Henkel, F. C.
"Hock" Ensmith Sales
Holophane Co., Inc.
Hubbard & Co.
Jones Metal Products
Killark Elec. Mfg. Co.
Line Material Co.
McGuire, Wm. A.
Miller Co.
James Mundstock
Nicholas Co., F. M.
Overbagh & Ayres Mfg. Co.
Pass & Seymour, Inc.
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Sheeter, Hugh X.
Silvray Lighting Co.
Simplet Elec. Co.
A. B. Smedley
Smoot-Holman Co.
H. B. Squires Co.
Sylvania Elec. Products Co.
The Wakefield Brass Co.
Wheeler Reflector Co.
Westinghouse Elec. Corp.
Wuelker Infra-Red & Lighting Co.

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L. A. Nott
Sangamo Elec. Co.
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Flashlights

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Gough Industries, Inc.
Graybar Electrical Products Co.
Ideal Industries, Inc.
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E. B. Cook
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Curtis Lighting, Inc.
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Quadrangle Mfg. Co.
Reliance Sales, Inc.
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Benz Co., Fred D.
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Crouse-Hinds Co.
Curtis Lighting, Inc.
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Electro Mfg. Co.
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Fleur-O-Lier Mfrs.
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General Elec. Supply Corp.
General Luminescent Corp.
Gough Industries, Inc.
Geo. A. Gray Co.
Graybar Elec. Co.
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"Hock" Ensmith Sales
Holophane Co., Inc.
Industrial Electronics
JWRCo., Inc.
Kulka Elec. Mfg. Co.
Leader Electric Mfg. Corp.
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Lighting Products Inc.
McGillan Sales Co.
McGuire, W. A.
Mitchell Mfg. Co.
Moe Bridges
Multi Electric Co.
James Mundstock
F. M. Nicholas Co.
Noel Co., Ray J.
Panama Lamp & Commercial Co.
Pass & Seymour, Inc.
Oscar Phillips Co.
J. G. Pomeroy
Quadrangle Mfg. Co.
Reliance Sales, Inc.
Sales Engineers, Inc.
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Westinghouse Elec. Corp.
Wheeler Reflector Co.
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General Luminescent Corp.
Graybar Elec. Co.
Industrial Electronics
Panama Lamp & Com'l Co.
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Sylvania Elec. Prod., Inc.
Westinghouse Elec. Corp.
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Kuhlman Elec. Co., Detroit Elec. Furnace Div.
Randolph Co., H. J.
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Thermador Elec'l Mfg. Co.
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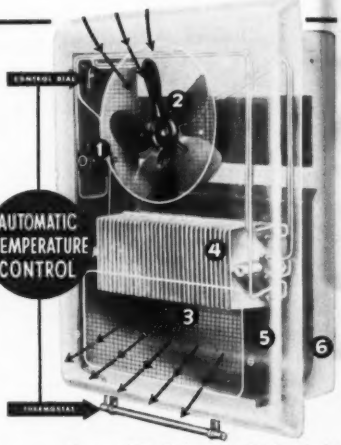

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Liner, Joseph
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Maydwell & Hartzell, Inc.
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Graybar Elec. Co.
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Hubbard & Co.
Illinois Elec. Porcelain Co.
Joslyn Pacific Co.
Knox Porcelain
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Gough Industries
Graybar Elec. Co., Inc.
Panama Lamp & Commercial Co.
Westinghouse Elec. Corp.
Wuelker Infra-Red & Lighting Co.

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Graybar Elec. Co.
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Line Material Co.
North American Elec. Lamp Co.
Panama Lamp & Commercial Co.
Sheeter, Hugh X.
Sylvania Elec. Products, Inc.
Westinghouse Elec. Corp.
Wuelker Infra-Red & Lighting Co.

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General Elec. Co.
General Elec. Supply Corp.
Gough Industries, Inc.
Graybar Elec. Co.
Edwin F. Guth Co.
Industrial Electronics
Keese Eng. Co.
Overbagh & Ayres Mfg. Co.
Westinghouse Elec. Corp.
Wuelker Infra-Red & Lighting Co.

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Levin, M.
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Lighting Products Corp.
W. N. Matthews Corp.
Miller Co.
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Swivelier Co.
Sylvania Elec. Prod.
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Westinghouse Elec. Corp.

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Line Material Co.
W. N. Matthews Corp.
McGill Mfg. Co.
J. G. Pomeroy Co.
Waltham De Witt & Krusi
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Lamp, Spot

(see Floodlights)

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Bakeman & Associates, C. T.
Benjamin Elec. Mfg. Co.
Joe Blonder Agencies
Bright Light Reflector Co.
Champion Lamp Works
E. B. Cook Co.
O. W. Coombs
Crouse-Hinds Co.
Curtis Lighting, Inc.
Day-Brite Lighting, Inc.
Electro Mfg. Co.
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Fluorescent Fixture of Calif.
General Elec. Co.
General Elec. Supply Corp.
General Lighting Co.
General Luminescent Corp.
Gough Industries, Inc.
Geo. A. Gray Co.
Graybar Elec. Co.
Edwin F. Guth Co.
Henkel, F. C.
Holophane Co., Inc.
"Hock" Ensmith Sales Co.
Jones Metal Products Co.
Keese Eng. Co.
Killark Elec. Mfg. Co.
Line Material Co.
Lindsey, Harry N.
Markel Elec. Prod., Inc.
McGillan Sales
McGuire, William A.
Miller Co.
Mitchell Mfg. Co.
Mullenbach Elec'l Mfg. Co.
James Mundstock
Murphy-Hain Co.
Nicholas Co., F. M.
Noma Elec. Corp.
North American Elec. Lamp Co.
Northwestern Agencies
Panama Lamp & Commercial Co.
Pittsburgh Reflector Co.
J. G. Pomeroy Co.
Pressteel Co.
Quadrangle Mfg. Co.
Reliance Sales
RLM Standards Institute, Inc.
Russell & Stoll
S & M Lamp Co.
Sheeter, Hugh X.
A. B. Smedley Co.
Smoot-Holman Co.
Square D Co.
H. B. Squires Co.
Sylvania Elec. Products Co.
The Wakefield Brass Co.
Westinghouse Elec. Corp.
Wheeler Reflector Co.
Wuelker Infra-Red & Lighting Co.

Lighting Equipment, Outdoor

Associated Lighting Service
Appleton Elec. Co.
Bakeman & Associates, C. T.
Benjamin Elec. Mfg. Co.
Benz Co., Fred D.
Bracken Sales Agency
Bright Light Reflector Co., Inc.
E. B. Cook Co.
Crouse-Hinds Co.
Electric Agencies, Inc.
Federal Enterprises
General Elec. Co.
Gen. Elec. Supply Corp.
Gough Industries, Inc.
Graybar Elec. Co.
Henkel, F. C.
"Hock" Ensmith Sales Co.
Holophane Co., Inc.
Hubbard & Co.
The Jones Metal Prod. Co.
Joslyn Pacific Co.
Line Material Co.
McGuire, William A.
Marco Industries Co.
F. M. Nicholas Co.
Northwestern Agencies
Phillips Co., Oscar
Pittsburgh Reflector Co.
Pomeroy Co., J. G.

Quadrangle Mfg. Co.
Revere Elec. Mfg. Co.
S & M Lamp Co.
Sheeter, Hugh X.
A. B. Smedley Co.
Square D Co.
Smoot-Holman Co.
Sylvania Elec. Products Co.
Walter E. Wallace Co.
Westinghouse Elec. Corp.
Wheeler Reflector Co.
Wuelker Infra-Red & Lighting Co.

Lighting Glassware

Associated Lighting Service
Joe Blonder Agencies
E. B. Cook Co.
General Elec. Co.
General Elec. Supply Corp.
Lindsey, Harry N.
Line Material Co.
Nicholas Co., F. M.
Wuelker Infra-Red & Lighting Co.

Lightning Arresters

(See Arresters)

Line Material

Agencies Co.
Kenneth M. Anderson Co.
Bethlehem Steel Co.
Brewer-Titchener Co.
A. B. Chance Co.
Four Wheel Drive Auto Co.
Frank W. Gorman
General Elec. Supply Corp.
Gough Industries, Inc.
Graybar Elec. Co.
Hubbard and Company
Hughes Bros.
James R. Kearney Corp.
Kortick Mfg. Co.
Line Material Co.
Locke, Inc.
Malleable Iron Fittings Co.
Maydwell & Hartzell, Inc.
National Elec. Prod. Co.
Ohio Brass Company
Oliver Iron & Steel Corp.
Pacific Electro Sales Co.
Penn-Union Elec. Corp.
Waltham DeWitt & Krusi
Reliable Elec. Co.
Western Hardware & Tool Co.

Linemen's Tools

Ken H. Best
A. B. Chance Co.
Graybar Elec. Co.
Industrial Safety Belt Corp.
Kearney Corp., James R.
Kortick Mfg. Co.
Mathias Klein & Sons
Maydwell & Hartzell, Inc.
Western Hardware & Tool Co.

Lead Centers

Agencies Co.
Allis-Chalmers Mfg. Co.
Anchor Mfg. Co.
Federal Elec. Prod. Co.
General Electric Co.
Moloney Elec. Co.
Mullenbach Elec'l Mfg. Co.
Murray Mfg. Corp.
Square D Co.
Trumbull Elec. Mfg. Co.

Lugs

Anderson Co., Kenneth
The M. B. Austin Co.
Blackburn Prod. Corp., Jasper
The Frank H. Bran Co.
Buchanan Elec. Prod. Corp.
BullDog Elec. Products Co.
Burndy Eng'g Co.
Carder Co., John
Cole Instrument Co.
Delta Star Elec. Co.
Electric Agencies, Inc.
Electrical Engineers Equip. Co.
Electrical Specialty Co.
General Elec. Co.
Gough Industries, Inc.
Graybar Elec. Co.
Geo. E. Honn Co.
Ideal Industries Inc.
Ilsco Copper Tube & Prod. Co.
Kirk-Palka Co.
Kulka Elec. Mfg. Co.
Matthews Corp., W. N.
Mullenbach Elec'l. Mfg. Co.
National Elec. Prod. Co.
F. M. Nicholas Co.
Northwestern Agencies
O. Z. Electrical Mfg. Co.
Penn-Union Elec. Corp.
Rusgreen Mfg. Co.
Safety Switchboard Co.
Schueler & Weston
H. B. Sherman Mfg. Co.
A. B. Smedley
Strieby & Barton, Ltd.
Square D Co.
Trumbull Elec. Mfg. Co.
Waltham, DeWitt & Krusi
Westinghouse Elec. Corp.

Luminous Ceiling

Bakeman & Associates, C. T.
Federal Enterprises, Inc.
Martin Elec'l Prod.
Nicholas Co., F. M.

Markers

Ken H. Best
Elec'l Specialty Co.
General Elec. Co., Chemical Dept.
Nat'l Varnished Prod.

Metal Cabinets, Lockers, Frames

All-Steel Equipment Co.
George A. Gray Co.
Ernest F. Hauck Co.
Unistrut Products Co.

Meters

Associated Research, Inc.
C. C. Blecksmith
Arthur E. Booth
Burlington Instrument Co.
Cole Instrument Co.
Duncan Elec. Mfg. Co.
General Elec. Co.
General Elec. Supply Corp.
Graybar Elec. Co.
Geo. E. Honn Co.
L. A. Nott
Peterson, F. Somers
T. R. Routh Co.
Sangamo Elec. Co.
The States Co.
Thompson, L. W.
Westinghouse Elec. Corp.
T. S. Wood

Meter Sockets, Troughs & Accessories

Anchor Mfg. Co.
Agencies Co.
Anchor Mfg. Co.
Duncan Elec. Co.
General Elec. Co.
Murray Mfg. Co.
Prussia Co., Robt. B.
Schueler & Weston

Mica

Asheville-Schoonmaker Mica Co.
Electrical Specialty Co.
General Elec. Co.
C. D. LaMoree
Marwood Ltd.
C. H. Mitchell Co.
New England Mica Co.
Owens-Corning Fiberglas Corp.
Pacific Electro Sales, Inc.
Tri-State Supply Corp.
Westinghouse Elec. Corp.

Mica, Manufactured Products

Asheville-Schoonmaker Mica Co.
Electric Specialty Co.
Insulation & Wires, Inc.
C. D. La Moree
Marwood Ltd.
New England Mica Co.
C. H. Mitchell Co.
Owens-Corning Fiberglas Corp.

Motor Brushes

Helwig Co.
Ohio Carbon Co.

Motors

Allis-Chalmers Mfg. Co.
Bodine Elec. Co.
Calif. Elec. Works, Ltd.
Campbell & George Co.
Cramer Co., R. W.
Denham Sales Service
Electric Equipment Co.
Electrical Specialty Co.
General Elec. Co.
General Elec. Supply Corp.
Gough Industries, Inc.
Graybar Elec. Co.
C. R. Hunt
Kato Engineering Co.
Landers, Frary & Clark
McCulloch Motors Corp.
Pacific Electro Sales Co.
Robbins & Myers, Inc.
Ryals Electric Co.
Schueler and Weston
Smallcomb Elec. Co.
Somerville, G. N.
H. B. Squires Co.
Wagner Elec. Corp.
Westinghouse Elec. Corp.

Motors, Fractional hp.

Allis-Chalmers Mfg. Co.
Electrical Specialty Co.
Engineering Sales Co.
General Elec. Co.
General Elec. Supply Corp.
Graybar Elec. Co.
Ryals Electric Co.
Signal Elec. Mfg. Co.
Somerville, G. N.
Wagner Elec. Corp.
Westinghouse Elec. Corp.

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Calif. Elec. Works, Ltd.
Campbell & George Co.
Carlson, Fred W.
Clark Controller Co.
Control Corp.
E. B. Cook Co.
Crouse-Hinds Co.
H. D. Easterbrook
Federal Elec. Products Co.
General Elec. Co.
General Elec. Supply Corp.
Frank W. Gorman
Gough Industries, Inc.
Graybar Elec. Co.
Harold M. Hudson Co.
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H D ELECTRIC CO.
Max-I-Meters for Transformer Testing
TIME-O-MATIC CO.
Sign Flashers, Special Time Controllers, Scoreboard Clocks

Motor Winding—Repair Equipment

Anderson, Kenneth Co.
Buchanan Elec'l Prod. Co.
Nicholas Co., F. M.
McGillan Sales Co.
Motorcraft
Northwest Sales & Eng. Service
Insulation & Wires, Inc.
Tri-State Supply Co.

Nails & Staples

Appleton Elec. Co.
The M. B. Austin Co.
Copperweld Steel Co.
Coulson, J. C.
George H. Curtiss
Electric Sales Co.
General Elec. Supply Corp.
Graybar Elec. Co.
C. E. Ingalls
Joslyn Pacific Co.
Kortick Mfg. Co.
Kwikon Co.
Line Material Co.
Oliver Iron & Steel Corp.
Schueler & Weston

Oil, Lubricating

General Elec. Supply Corp.
Shell Oil Co.
Standard Oil Co.

Oil, Transformer & Switch

General Elec. Co.
General Elec. Supply Corp.
Gough Industries, Inc.
Line Material Co.
Shell Oil Co.
Standard Oil Co.

Paint, Heat Resisting

L. B. Allen Co.
W. P. Fuller Co.
P. D. George Co.
Panama Lamp & Commercial Co.
Standard Oil Co.
Tri-State Supply Corp.

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THE ELECTRIC CONTROLLER & MFG. CO.
Mill & Crane Motor Control, Magnetic Brakes, Limit Stops, Lifting Magnets, Automatic Weld Timers, Motor Starters.
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DC & AC Motors, Generators, Motor-Generators, Dynamotors, & Rotary Convertors.
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BUFFALO METER COMPANY
Water, Oil & Specialty Liquid Meters, Chemical Meters.

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T. R. Routh Co.
Smallcomb Elec. Co.
Square D Co.
Trumbull Elec. Mfg. Co.
Westinghouse Elec. Corp.
Young & Co., Robt. A.

Motor-Generators

Allis-Chalmers Mfg. Co.
General Electric Co.
Graybar Elec. Co.
Pacific Electro Sales Co.
Robbins & Meyers, Inc.
Westinghouse Elec. Corp.

Panels, Radiant Heat

Benz Co., Fred D.
Lindsay, Harry N.
U. S. Rubber Co.

Panel Boards & Instruments

Allied Industries
Benjamin Elec. Mfg. Co.
BullDog Elec. Products Co.
Burlington Instrument Co.
Carlson, Fred W.

Panel Boards—Continued

Crouse Hinds Co.
Federal Elec. Products Co.
General Elec. Co.
General Elec. Supply Corp.
General Switch Corp.
Gough Industries, Inc.
Graybar Elec. Co.
Henkel, F. C.
Johns-Manville
Kirk-Palka Co.
Meyers Safety Switch Co.
Mullenbach Elec'l. Mfg. Co.
Murray Mfg. Co.
T. R. Routh Co.
Russell & Stoll Co., Inc.
Safety Switchboard Co.
Square D Co.
Trumbull Elec. Mfg. Co.
Wadsworth Elec. Mfg. Co.
Westinghouse Elec. Corp.

Photoelectric Cells

General Elec. Co.
Weston Elec'l Instrument Corp.

Pins, Wood

Agencies Co.
Electrical Engineers Equip. Co.
General Elec. Supply Corp.
Geo. E. Honn Co.
Graybar Elec. Co.
Joslyn Pacific Co.
Kortick Mfg. Co.
Locke, Inc.
Line Material Co.
Maydwell & Hartzell, Inc.

Plants, Low-Voltage Lighting

Fairbanks, Morse & Co.
Kato Engineering Co.
Westinghouse Elec. Corp.

Plates, Flush Switch and Outlet

Benz Co., Fred D.
General Elec. Co.
Lint, Clyde W.
Pass & Seymour
Slater Elec. & Mfg. Co.
Union Insulating Co.

Platers

H. D. Easterbrook
W. A. Hesse & Co.
"Hock" Ensmith Sales Co.

Plugs, Attachment

Kenneth M. Anderson Co.
Benjamin Elec. Mfg. Co.
Buchanan Elec'l Prod. Corp.
Cannon Elec. Dev. Co.
E. B. Cook Co.
Delta Star Elec. Co.
Ericson Mfg. Co.
General Elec. Co.
General Elec. Supply Corp.
Gough Industries, Inc.
George Gray Co.
Graybar Elec. Co.
Kirk-Palka Co.
Pass & Seymour, Inc.
J. G. Pomeroy Co.
Pyle-National
John B. Tubergen
Westinghouse Elec. Corp.

Pole Line Hardware

Agencies Co.
Kenneth M. Anderson Co.
Ken H. Best
Bethlehem Steel Co.
Brewer-Titchener Corp.
A. B. Chance Co.
Earl S. Condon
General Elec. Supply Corp.
Gough Industries, Inc.
Graybar Electric Co., Inc.
Geo. E. Honn Co.
Hubbard & Company
Hughes Bros.
Joslyn Pacific Co.
James R. Kearney Corp.
Kirk-Palka Co.
Kortick Mfg. Co.
Lapp Insulator Co.
Line Material Co.
Locke, Inc.
Malleable Iron Fittings Co.
W. N. Matthews Corp.
Maydwell & Hartzell, Inc.
Ohio Brass Co.
Oliver Iron & Steel Corp.
Penn-Union Elec. Corp.
Reliable Elec. Co.
The R. Thomas & Sons Co.
Waltham, DeWitt & Krusi
Western Hardware & Tool Co.
Thomas S. Wood

Poles

Bracken Sales Agency
General Elec. Co.
General Elec. Supply Corp.
Graybar Elec. Co.
Hughes Bros.
Joslyn Pacific Co.
Line Material Co.
Maydwell & Hartzell, Inc.
McCormick & Baxter Creosoting Co.
Poles, Inc.

Porcelain

Allied Industries
Ken H. Best
Geo. Gray Co.
General Elec. Supply Corp.
Gough Industries, Inc.
Graybar Elec. Co.
Geo. E. Honn Co.
Illinois Elec. Porcelain Co.
Joslyn Pacific Co.
Knox Porcelain Corp.
Lapp Insulator Co., Inc.
Locke, Inc.
Maydwell & Hartzell, Inc.
F. M. Nicholas Co.
Ohio Brass Co.
Paulding, Inc., John I.
J. G. Pomeroy Co.
Porcelain Insulator Co.
Porcelain Products, Inc.
Square D Co.
The R. Thomas & Sons Co.
H. H. Van Luven
Victor Insulators, Inc.
Westinghouse Elec. Corp.

Pothead

Delta Star Electric Co.
Electrical Engineers Equip. Co.
Electric Agencies, Inc.
G & W Electric Specialty
Gough Industries, Inc.
Graybar Elec. Co.
C. E. Ingalls
Kirk-Palka Co.
Line Material Co.
Rusgreen Mfg. Co.
A. B. Smedley

Preservatives, Wood

Geo. E. Honn Co.
James R. Kearney Corp.
Maydwell & Hartzell, Inc.
McCormick & Baxter Creosoting Co.
Standard Oil Co.

Protectors

Economy Fuse & Mfg. Co.
Graybar Elec. Co.
Reliable Elec. Co.

Protectors, Guy Wire

Graybar Elec. Co.
Geo. E. Honn Co.
Hubbard & Co.
Joslyn Pacific Co.
James R. Kearney Corp.
Kortick Mfg. Co.
Line Material Co.
Locke, Inc.
W. N. Matthews Corp.
Maydwell & Hartzell Inc.
Oliver Iron & Steel Corp.

Public Address Systems

Graybar Elec. Co.
Webster Elec. Co.

Pullers, Fuse

Austin Co., M. B.
Buchanan Elec'l Prod. Corp.
General Elec. Co.
General Elec. Supply Corp.
S & C Elec. Co.
Sherman Mfg. Co., M. B.
Westinghouse Elec. Corp.

Pullers, Slack

Jasper Blackburn Products Co.
Greenlee Tool Co.
Graybar Elec. Co.
Mathias Klein & Sons
W. N. Matthews Corp.

Pumps

Allis-Chalmers Mfg. Co.
Graybar Elec. Co.
Pelton Water Wheel Co.
Robbins & Myers, Inc.

Raceway and Fittings

F. J. Airey Co.
Curtis Lighting, Inc.
Gough Industries, Inc.
George A. Gray Co
Graybar Elec. Co.
Mullenbach Elec'l Mfg. Co.
National Elec. Prod. Co.
Safety Switchboard Co.
Square D Co.
Trumbull Elec. Mfg. Co.

Racks

Delta Star Elec. Co.
Electrical Engrs. Equip. Co.
G & W Elec. Specialty
Hubbard & Co.
Kortick Mfg. Co.
Line Material Co.
Lint Co., Clyde W.
Locke, Inc.
Murray Mfg. Corp.
Nat'l Elec. Products
Unistrut Prod. Co.
Westinghouse Elec. Corp.

Radiant Heating Panels

Benz Co., Fred D.
Condon, Earl S.
Roberson Co., L. N.
U. S. Rubber Co.

Radio Equipment

Bendix Radio Div., Bendix Aviation Corp.
Cornell-Dubilier Elec. Corp.
General Elec. Co.
General Elec. Supply Corp.
Gough Industries, Inc.
Graybar Elec. Co.
Ohio Carbon Co.
Northwest Sales & Eng. Service
Orangeburg Mfg. Co. Inc.
Jas. C. Pope, Jr.
Westinghouse Elec. Corp.

Range Units

Curtiss, H. R.
Electromaster, Inc.
Graybar Elec. Co.
Montgomery Bros.
Thermador Elec. Mfg. Co.
Westinghouse Elec. Corp.

Ranges

Curtiss, H. R.
Electromaster, Inc.
General Elec. Co.
Gough Industries, Inc.
Graybar Elec. Co.
Hotpoint, Inc.
Landers, Frary & Clark
Malleable Iron Range Co.
Thermador Elec'l Mfg. Co.
Westinghouse Elec. Corp.

Reactors, Power

General Elec. Co.
Murray Mfg. Corp.
Westinghouse Elec. Corp.

Reels

Appleton Elec. Co.
The M. B. Austin Co.
Benz Co., Fred D.
Burbank Elec'l Prod.
Four Wheel Drive Auto Co.
Gough Industries, Inc.
Graybar Elec. Co.
Geo. E. Honn Co.
Ernest F. Hauck Co.
Hykon Mfg. Co.
Ideal Industries, Inc.
Lint Co., Clyde W.
Matthews Corp., W. N.
J. G. Pomeroy
A. B. Smedley
Waltham, DeWitt & Krusi

Reclosers

Benjamin Elec. & Mfg. Co.
Bright Light Reflector Co.
Carlson, Fred W.
Bakeman & Associates, C. T.
Crouse Hinds Co.
Curtis Lighting, Inc.
Geo. H. Curtiss
Day-Brite Lighting, Inc.
Electric Agencies Inc.
General Elec. Co.
Geo. A. Gray Co.
Graybar Elec. Co.
Edwin F. Guth Co.
Holophane Co., Inc.
Jones Metal Products Co.
Kyle Co.
Kearney Corp., James R.
Multi Electric Co.
F. M. Nicholas Co.
Northwestern Agencies
Northwest Sales Co.
Overbagh & Ayres Mfg. Co.
Pittsburgh Reflector Co.
Quadrangle Mfg. Co.
Randolph Co., H. J.
RLM Standards Institute, Inc.
S & M Lamp Co.
Sheeter & Co.
Smoot-Holman Co.
H. B. Squires Co.
Westinghouse Elec. Corp.
Wheeler Reflector Co.
Wiremold Co.
Wuelker Infra-Red & Lighting Co.

Rectifiers—Power

Allis-Chalmers Mfg. Co.
Control Corp.
Denham Sales Service
General Elec. Co.
Graybar Elec. Co.
Ingalls, C. E.
Kirk-Palka Co.
P. R. Mallory & Co.
Westinghouse Elec. Corp.

Reflectors

Appleton Elec. Co.
Associated Lighting Service
Bakeman & Associates, C. T.
Bright Light Reflector Co.
O. W. Coombs
Crouse-Hinds Co.
Curtis Lighting, Inc.
Day-Brite Lighting, Inc.
General Elec. Co.
Gough Industries, Inc.
Gray Co., Geo. A.
Graybar Elec. Co.
Edwin F. Guth Co.
"Hock" Ensmith Sales
The Jones Metal Prod. Co.
Line Material Co.
Multi Elec'l Mfg. Co.
Nicholas Co., F. M.
Noel Co., Ray J.
Pittsburg Reflector Co.
Prussia Co., Robt. B.
Quadrangle Mfg. Co.
Sheeter, Hugh X.
Smoot-Holman Co.
Solon Co., Albert M.
Sylvania Elec. Prod. Co.
Westinghouse Elec. Corp.

Refrigerators

Curtiss Co., H. R.
Frigidaire Corp.
General Elec. Co.
General Elec. Supply Corp.
Gough Industries, Inc.
Graybar Elec. Co., Inc.
Hotpoint, Inc.
Landers, Frary & Clark
Malleable Iron Range Co.
Westinghouse Elec. Corp.

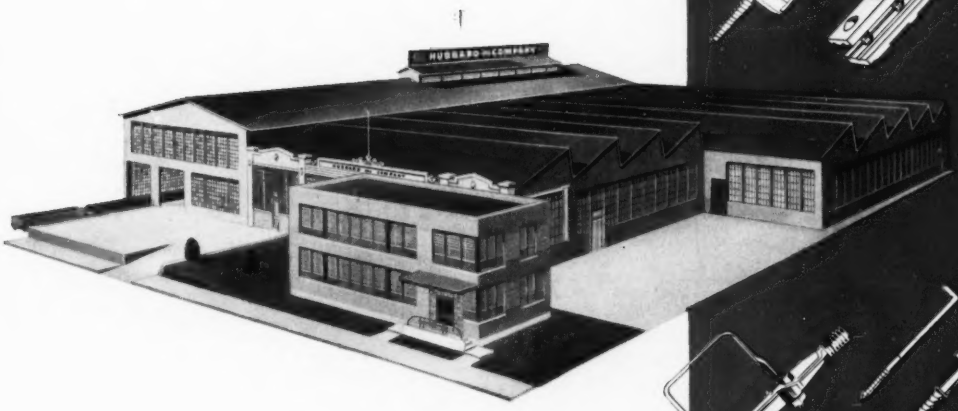
Regulators, Voltage

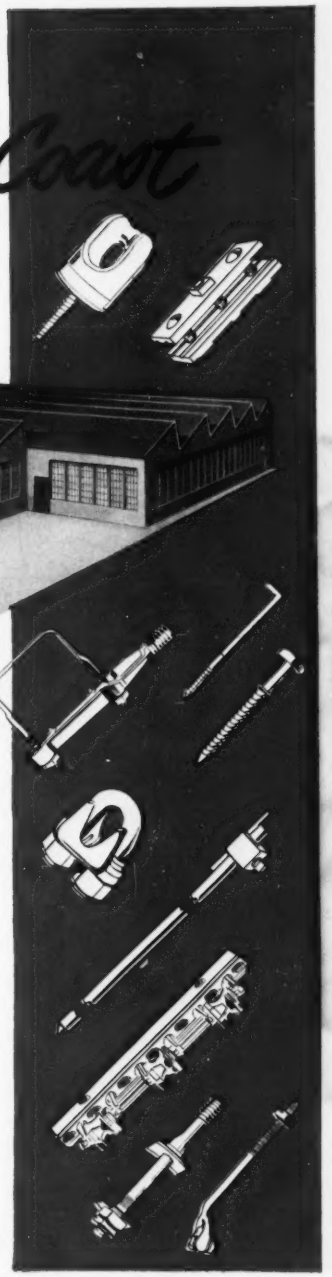
Allis-Chalmers Mfg. Co.
American Transformer Co.
Burlington Instrument Corp.
Carlson, Fred W.
Control Corp.
General Electric Co.
Frank W. Gorman
Graybar Elec. Co.
Ideal Industries, Inc.
James R. Kearney Corp.
Kirk-Palka Co.
Line Material Co.
Moloney Elec Co.
Northwestern Agencies
The T. R. Routh Co.
Sola Electric Co.
Somerville, G. N.
Square D Co.
The States Co.
Wagner Elec. Corp.
Westinghouse Elec. Corp.

Relays

Kenneth M. Anderson Co.
Automatic Electric Mfg. Co.
Campbell & George Co.
Carlson, Fred W.
Cole Electric Co.
Control Corp.
Earl S. Condon Co.
E. B. Cook Co.
Easterbrook, H. D.
Federal Elec. Prod. Co.
General Elec. Co.
General Elec. Supply Corp.
Gough Industries, Inc.
Graybar Elec. Co.
Harold M. Hudson Co.
C. R. Hunt
C. E. Ingalls
James R. Kearney Co.
Line Material Co.
Mercoid Corp.
Northwestern Agencies
Pacific Electro Sales
Pomeroy Co., J. G.
Sperti-Faraday
Square D Co.
The States Co.
L. W. Thompson
H. H. Van Luven Co.
Westinghouse Elec. Corp.

Serving the West Coast





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OAKLAND, CALIFORNIA

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Ohio Carbon Co.
Mullenbach Elec. Mfg. Co.
Square D
Westinghouse Elec. Co.

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Bethlehem Steel Co.
Jasper Blackburn Prod. Corp.
A. B. Chance Co.
General Electric Supply Corp.
Frank W. Gorman
Gough Industries, Inc.
Graybar Elec. Co., Inc.
Hubbard & Co.
Hughes Bros.

CAMPBELL & GEORGE COMPANY

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Allen-Bradley Co. Quality motor control

Sorgel Electric Company Dry type distribution transformers

Automatic Control Co. Liquid level controls

Counter & Control Corp. Cyclo-Monitoring Devices

Eagle Signal Corporation Industrial timers

Lexington Electric Prod. Corp. Fire pump control panels

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California Electric Works
Campbell & George Co.
John G. Corrin
General Elec. Co.
General Elec. Supply Corp.
Graybar Elec. Co.
Geo. E. Honn Co.
Ideal Industries, Inc.
Mullenbach Elec'l. Mfg. Co.
Northwestern Agencies
Ohio Carbon Co.
Ryals Electric Co.
S & C Elec. Co.
Square D Company
Westinghouse Elec. Corp.

Rings, Cable

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Kennamental, Inc.
Kett Tool Co.
Mathias Klein & Sons
Clyde W. Lint
Line Material Co.
McCulloch Motors Corp.
Maydwell & Hartzell, Inc.
F. M. Nicholas
Northwestern Agencies
Northwest Sales Co.
F. Somers Peterson Co.
J. G. Pomeroy Co.
Signal Elec. Mfg. Co.
A. B. Smedley
Tri-State Supply Corp.
Western Hardware & Tool Co.
Westinghouse Elec. Corp.

Torches
Benz Co., Fred D.
Mathias Klein & Sons
Lenk Mfg. Co.

Transformers—All Types
Advance Transformer Co.
Kenneth M. Anderson Co.
Allis-Chalmers Mfg. Co.
American Transformer Co.
C. C. Blecksmith
Burlington Instrument Co.
Campbell & George Co.

Carlson, Fred W.
Cole Instrument Co.
Control Corp.
E. B. Cook
John G. Corrin
Coulson, J. C.
Duncan Elec. Mfg. Co.
H. D. Easterbrook
Electric Equipment Co.
Gardner Elec. Mfg. Co.
General Elec. Co.
General Elec. Supply Corp.
Frank W. Gorman
Graybar Elec. Co.
Geo. E. Honn Co.
Jeffries Transformer Co.
Keese Mfg. Co.
Killark Elec. Mfg. Co.
Kirk-Palka Co.
Kuhlman Elec. Co.
Kyle Co.
Line Material Co.
Marcus Transformer Co.
Maydwell & Hartzell, Inc.
Moloney Electric Co.
Mullenbach Elect. Mfg. Co.
Northwestern Agencies
Nott, L. A.
Oliver B. Lyman
Pacific Transformer Co., Inc.
Sangamo Elec. Co.
Schueler & Weston
Sola Electric Co.
Sorgel Elec. Co.
Sperti-Faraday
H. B. Squires Co.
Tierney Elec'l Mfg. Co.
Trico Fuse Mfg. Co.
H. H. Van Luven Co.
Wagner Electric Corp.
Webster Elec. Co.
Western Transformer Co.
Westinghouse Elec. Corp.
Tom Wood
Young & Co., Robert A.

Transmission Towers Steel
Bethlehem Steel Co.
Hughes Bros.
Maydwell & Hartzell, Inc.

Tree, Trimming Equip.
Bartlett Mfg. Co.
Bracken Sales Agency
General Elec. Supply Corp.
Graybar Elec. Co.
Geo. E. Honn Co.
Joslyn Pacific Co.
Line Material Co.

Trolley Systems
Benbow Mfg. Co.
Campbell & George
Robbins & Myers, Inc.

Trucks, Trailers and Equipment
Artisan Products, Inc.
Four Wheel Drive Auto Co.
Graybar Elec. Co.
Highway Trailer Co.

Tubes, Mercury Contact
General Elec. Co.
General Elec. Supply Corp.
Mercoid Corp.
Wuelker Infra-Red & Lighting Co.
Anderson Co., Kenneth
Buchanan Elec'l Products Co.
General Elec. Co.

Tubing, Elec'l Metallic
Aluminum Co. of America
M. B. Austin Co.
Coulson, J. C.
Electric Agencies, Inc.
Electrical Specialty Co.
Enameled Metals Co.
General Elec. Supply Corp.
Gough Industries, Inc.
Graybar Elec. Co.
Ernest F. Hauck

Murphy-Hain Co.
Nat'l Elec. Prod. Corp.
Pacific Electro Sales, Inc.
F. Somers Peterson
J. G. Pomeroy Co.
Rome Cable Corp.
Rowe, Arthur E.
Spang-Chalfant

Tubing, Flexible Insulating

Allied Industries
Wm. Brand & Co.
Electrical Specialty Co.
General Elec. Co.
Insulation Mfgrs.
Irvington Varnish & Insulator Co.
Johns-Manville
C. D. LaMoree
C. H. Mitchell Co.
Murphy-Hain Co.
Nat'l Elec. Prod. Corp.
National Varnished Prod.
Owens-Corning Fiberglas Corp.
F. Somers Peterson
Tri-State Supply Corp.

Turbines

Allis-Chalmers Mfg. Co.
E. B. Cook
General Electric Co.
Pelton Water Wheel Co.
Pyle-National Co.
Westinghouse Elec. Corp.

Units, Range Heater

General Elec. Co.
General Elec. Supply Corp.
Graybar Elec. Co.
Landers, Frary & Clark
Montgomery Bros.
Thermador Elec. Mfg. Co.
Westinghouse Elec. Corp.

Vacuum Cleaners—See Appliances
Valves

Carlson, Fred W.
Oliver B. Lyman
Mullenbach Elec'l Mfg. Co.
Ohio Brass Co.
Pelton Water Wheel Co.
Smith Co., S. Morgan

Varnishes, Insulation

Electrical Specialty Co.
General Elec. Co.
General Elec. Supply Corp.
The P. D. George Co.
Gough Industries, Inc.
Insulation & Wires, Inc.
Irvington Varnish & Insulator Co.
Joslyn Pacific Co.
C. D. LaMoree
Mitchell, C. H.
Schenectady Varnish Co., Inc.
Tri-State Supply Corp.
Westinghouse Elec. Corp.

Varnished Products

Wm. Brand & Co.
Electrical Specialty Co.
Insulation & Wires, Inc.
Insulation Mfgrs.
C. H. Mitchell Co.
Nat'l Varnished Prod. Corp.
Owens-Corning Fiberglas

Ventilators

(See Fans)

Wall Plates

Geo. H. Curtiss
Plas-Tex Corp.
Prussia Co., Robt. R.
Slater Elec. Mfg. Co.
W. E. Wallace Co.

Washers, Clothes

Bendix Home Appliances, Inc.
Ceazan Co., J. N.
General Elec. Co.
General Elec. Supply Corp.
Gough Industries, Inc.
Graybar Elec. Co.
C. D. LaMoree
Landers, Frary & Clark
Little Giant, Inc.
Westinghouse Elec. Corp.

Watimeters

C. C. Biecksmith
Duncan Elec. Mfg. Co.
General Elec. Co.
Graybar Elec. Co.
L. A. Nott
The T. R. Routh Co.
Sangamo Elec. Co.
Westinghouse Elec. Corp.

Water Wheels

Allis-Chalmers Mfg. Co.
Pelton Water Wheel Co.

Welding Controls & Totalizers

General Elec. Co.
Mullenbach Elec'l Mfg. Co.
The T. R. Routh Co.
Square D Co.

Welding Equip. & Accessories, Elec.

Allis-Chalmers Mfg. Co.
American Transformer Co.
General Elec. Co.
P. R. Mallory & Co., Inc.
Graybar Elec. Co.
National Carbon Co., Inc.
Ohio Brass Co.
The T. R. Routh Co.
Strieby & Barton, Ltd.
John B. Tubergen
Westinghouse Elec. Corp.

Winches

Eagle Mfg. Co.
Four Wheel Drive Auto Co.
Highway Trailer Co.
Robbins & Myers, Inc.

Wire

Agencies Co.
American Steel & Wire Co.
Anaconda Wire & Cable Co.
M. B. Austin Co.
Benz Co., Fred D.
Wm. Brand Co.
John Carder Jr., Co.
Chapman Co., J. M.
Earl S. Condon Co.
Copperweld Steel Co.
Crescent Ins. Wire & Cable Co.
Driver-Harris Co.
Electric Agencies, Inc.
Essex Wire Corp.
Fullman Mfg. Co.
General Elec. Co.
General Elec. Supply Corp.
Gough Industries, Inc.
Graybar Elec. Co.
Indiana Steel & Wire Co.
C. E. Ingalls
Insulation & Wires, Inc.
The Kerite Co.
Line Material Co.
Joseph Liner
Maydwell & Hartzell, Inc.
Murphy-Hain Co.
National Elec. Products Corp.
Northwestern Agencies
The Okonite Company
Pacific Electro Sales, Inc.
Paranite Wire & Cable Co.
J. G. Pomeroy Co.
Rockbestos Products Corp.
John A. Roebling's Sons Co.
Rome Cable Corp.
Simplex Wire & Cable Co.
A. B. Smedley
Triangle Conduit & Cable Co., Inc.
Tri-State Supply Corp.
John B. Tubergen
United States Rubber Co.
United States Steel Corp.
H. H. Van Luven
Western Insulated Wire Co.
Westinghouse Elec. Corp.
Young & Co., Robt. A.

Wire, Bare Resistance

Driver-Harris Co.
Electrical Specialty Co.
Graybar Elec. Co.
Murphy-Hain Co.
Rome Cable Corp.
A. B. Smedley
Westinghouse Elec. Corp.

Wire Grips

Graybar Elec. Co.
Mathias Klein & Sons

Wiring Devices & Supplies

Agencies Co.
The M. B. Austin Co.
Benjamin Elec. Mfg. Co.
Benz Co., Fred D.
Jasper Blackburn Prod. Corp.
The Frank H. Bran Co.
Buchanan Elec. Prod. Corp.
Bull Dog Elec. Prod. Co.
Clifton Mfg. Co.
J. M. Chapman Co.
Cook, Co., E. B.
Collyer Insulated Wire Co.
Earl S. Condon Co.
Crouse Hinds Co.
George A. Curtiss
Electric Agencies, Inc.
Electrical Specialty Co., Inc.
Ericson Mfg. Co.
Essex Wire Corp.
General Elec. Co.
General Elec. Supply Corp.
Gough Industries, Inc.
Geo. A. Gray Co.
Graybar Elec. Co.
Geo. E. Honn Co.
Hubbard & Co.
Hykon Mfg. Co.
Ideal Industries, Inc.
Indiana Steel & Wire Co.
F. D. Kees Mfg. Co.
The Kerite Co.
Kortick Mfg. Co.
Kulka Elec. Mfg. Co.
Kwikon Co.
Levin, M.
Line Material Co.
Joseph Liner
McGill Mfg. Co.
Minerallac Elec. Co.
Mullenbach Elec. Mfg. Co.
James Mundstock
National Tel. Supply Co.
Nicholas Co., F. M.
Northwestern Agencies
Pacific Wholesale Elec. Co.
Panama Lamp & Commercial Co.
Paranite Wire & Cable Co.
Paulding, Inc., John I.
Paules, E. G.
Penn-Union Elec. Corp.
J. G. Pomeroy Co.
Porcelain Products, Inc.
Reliable Elec. Co.
H. B. Sherman Mfg. Co.
Slater Elec. & Mfg. Co.
Square D Co.
Strieby and Barton Ltd.
Sylvania Elec. Prod. Co.
Union Insulating Co., Inc.
U. S. Rubber Co.
Van Cleef Bros
Walter E. Wallace Co.

A COMPLETELY INSULATED
SPLICE
IN 3 SIMPLE STEPS

A PERFECT WIRE
TERMINATION
IN 1 EASY OPERATION

ONLY 2 Splice Caps for 2 # 18 to 3 # 8 wires

ALL installed with 1 pres-SURE-tool

BUCHANAN
Electrical Products Corporation
HILLSIDE N. J.

Represented by
KENNETH ANDERSON CO., LOS ANGELES
F. M. NICHOLAS CO., SAN FRANCISCO
SHAFFER-NELSON PORTLAND—SEATTLE—SPOKANE
Write for Catalog W105

BARTLETT
Tree Trimming Tools

WE COMBINATION PRUNER AND SAW
With octagon Sitka spruce poles. Either head shown may be used with the same handle section. Several intermediate lengths can be added if desired.

Utility Saws Illustrated here are the **No. 114B 26" Special Utility Saw**, 4 fast cutting teeth per inch. (Left)

No. 127—Paragon Saw, 6 teeth per inch, made in 4 lengths, 18", 22", 24", 26". (Right)

No. 41—24" Tuttle Tooth Saw (Below). Also made in 20" length if desired.

No. 777—26" Lopping Shear is fast becoming the most popular and widely used two-hand pruner on the market, made with either 10" strap ferrules or 4½" plain ferrules.

Bartlett Tree Paint is known for its antiseptic qualities. Contains only ingredients helpful to healing of tree wounds.

Write for Catalog

BARLETT MFG. CO.
3053 E. Grand Blvd., Detroit 2, Mich.

DIRECTORY of APPLIANCE SERVICE and REPAIR PARTS

A listing of electrical appliance manufacturers' Western service station and parts depots. **PAGES 66 TO 81.**

DIRECTORY OF MANUFACTURERS—Alphabetical listing of manufacturers of electrical equipment, showing their principal Western offices and Sales Representatives. **Pages 1 to 49.**

WHERE TO BUY IN THE WEST—Alphabetical listing of various products, showing Western sources. **Pages 50 to 65.**

DIRECTORY OF WESTERN REPRESENTATIVES—A listing by states and cities of manufacturers' representatives handling electrical lines. **Pages 82 to 88.**

ABC HOUSEHOLD WASHER & IRONERS (See Altorfer Bros. Co.)

A. B. STOVES DIVISION, Detroit-Michigan Stove Co., Battle Creek, Mich.
Factory Representatives: Eric F. Chemnitz, 1355 Market St., San Francisco, Calif.; Earl E. Eckstrom, 2601 2nd Ave., Seattle; Crescent Sales Co., 440 Seaton St., Los Angeles 23; Bruce Benz, Resident Salesman, 1911 N.E. 67th, Apt. D, Portland 8.
Distributors:
Spokane: Tubbs Electric Co., South 165 Post St.
Seattle: Robinson Dist. Corp., 3129 Western Ave., Seattle Radio Supply, 2117 2nd Ave.
Los Angeles: Gough Industries, 819 E. 7st St.; Barker Bros., Contracting Div.
Sacramento: Superior Sales Co., 1705 18th St.
Reno: Sierra Appliance Co.
Boise: Afton-Lemp Electric Co., 415 S. 9th
Salt Lake City: Associated Dealers Supply, 60 W. Fayette
Portland: Robinson Dist. Corp., 1235 N. W. Glisan; Gilbert Bros., 826 W. 2nd

ACME ELEC. HEATING CO., 1217 Washington St., Boston, Mass.
(Acme, Acrom, Acrod, Cast-X, Heetmor heaters)
Factory service only.

ACRO MFG. CO., THE, Crise Controls Div., Acro Switch Div., Columbus 16, Ohio

ADMIRAL CORP., 3800 Cortland St., Chicago 47, Ill.
(Admiral refrigerators, ranges, television, radios; also parts for Stewart - Warner refrigerators and ranges)
Portland: Lou Johnson Co., 422 N. W. 8th Ave. (9)
San Francisco: McCormack & Co., 450 9th St.
Los Angeles: Herbert H. Horn, 915 S. Mateo St. (7)
Salt Lake City: Walter B. Lloyd Co., 51 S. Second West
Denver: Marcus Bros., 2101 15th St. (2)
Seattle: Columbia Dist. Corp., 2601 Market St., (7)

AIR CONTROLS INC., Div. of The Cleveland Heater Co., 2310 Superior Ave., Cleveland 14.
(Rex air conditioning blowers, furnace blowers, attic fans, exhaust fans, window vent fans)
Factory service only.

AIRCHIEF FANS (See Vidrio Products Co.)

AIRMASTER CORP., 4317 Ravenswood Ave., Chicago 13, Ill.
(Airmaster fans, kitchen ventilators, attic ventilators, etc.)
San Francisco: O'Keeffe the Fan Man, W. F. O'Keeffe, 55 11th st. (8). Or factory.

AIRWAY ELEC. APPL. CO., 2101 Auburn Ave., Toledo 1, Ohio.

AJAX ELEC. CO. INC., 101 Allen, Philadelphia 23, Pa.
(Ajax-Hultgren Electric Salt bath furnace)
Distributors:
Los Angeles: J. Max Lee, 839 E. 4th St. (13)
San Francisco: Fred W. Schlapp, 204 Davis St. (11)
Seattle: Fairman & Lee Co., 219 Central Blvd. (4)

ALABAMA MFG. CO., 1st Ave. No. & 13th St., Birmingham 3, Ala.
(Gem Dandy electric churn)
Factory service only.

ALADDIN INDUSTRIES INC., 705 Murfreesboro Road, Nashville, Tenn. (Formerly Mantle Lamp Co. of America)

ALLIANCE MFG. CO., Lake Park Blvd., Alliance, Ohio.
Factory service only.

ALTORFER BROS. CO., Peoria, Ill.
(ABC household washers and ironers)
Service Stations
Seattle: Appliance Parts & Service Co., 214 Stewart St. (1); Columbia Dist. Corp., 2601 Market St.
Portland: W. L. May Co., 215 N.W. Park Ave.; W. T. Dyke & Co., 12 S. E. 28th Ave. (15); Appliance Wholesalers of Oregon, 609 N.W. 14th Ave. (9)
San Francisco: Washing Machine Parts Co., 1375 Mission St. (3); The Electric Appliance Service Corp., 236 Harriet St. (3); McCormack & Co., 450 9th St.
Los Angeles: Electrical Appl. Service Corp., 726 W. Venice Blvd. (15); Washing Machine Parts Co., 1241 So. Hope St. (15); Herbert H. Horn, Inc., 915 S. Mateo St. (7)
Spokane: Appliance Parts & Service, W. 609 Trent St.
Sacramento: Al Bedard's Parts Supply, 1626 N. C St.
San Diego: R. E. Harris, Inc., Front & Ash St. (1); Electrical Appliance Service Corp., 302 17th St.
Roswell: L. F. Woodhead Electric Co., 309 N. Penn.
Portland: Morrison Electric Co., 1206 S. W. Wash. at 12th Ave. (5)
Salt Lake City: Appliance Service Center, 57 Richards St. (1)
Seattle: Appliance Parts & Service Co., 216 Stewart St. (1)
Spokane: Appliance Parts & Service Co., 609-A Trout Ave. (8)

AMANA REFRIGERATION, INC., Amana, Iowa
(Refrigerators & home freezers)
Representative:
John J. Pollen, 12238 Cantura St., N. Hollywood, Calif.
Distributors:
Spokane: Prudential Distributors Inc., South 151-153 Stevens St.
Portland: Lou Johnson Co., Inc., 422 N.W. 8th Ave.
San Francisco: Kaemper & Barrett, 1850 Mission St.
Los Angeles: Amana Freezer Dist., 4577 Valley Blvd.
Seattle: Love Electric Co., 318 Westlake Ave., N.
Salt Lake City, Zion Cooperative Mercantile Institution, 1665 Bennett Road
Phoenix: Arizona Hdwe. Co., 1st & Jackson St., P.O. Box 2110
San Diego: Amana Freezer Dist., 3791 Park Blvd.
Fresno: Kinney & Faust, 1740 Van Ness Ave.

CALIFORNIA ELECTRIC SERVICE INC.

The West's Leading Factory-Authorized Service Stations For Electric Clocks and Appliances

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SAN FRANCISCO 168 First St. | **LONG BEACH** 1407 E. 4th St. | **LOS ANGELES** 832 So. Alvarado

Denver, Austin & Son, 1819 Wazee St.
Salt Lake City: Mountain States Distr. Inc., 622 S. State St. (12) (for Utah & Idaho)
Phoenix: Central Washer Service, 241 S. Central Ave.
Albuquerque: J. Korber & Co., P. O. Box 486
Butte: Treasure State Gas & Electric Co., 827 S. Montana St.

ALUMINUM GOODS MFG. CO., 15th & Washington, Manitowoc, Wis.
(Mirro, Mirro-Matic, AGM-Pure Aluminum Electric percolators)
Service Stations:
Phoenix: Vinson Carter Electric Co., 325 N. 4th St.
Los Angeles: Calif. Electric Service Inc., 832 S. Alvarado St. (5)
Long Beach: Calif. Electric Service Inc.
San Francisco: Calif. Electric Service Inc., 168 First St. (5)
Denver: Midwest Electric Service Inc., 1126 Sante Fe Drive
Boise: Karre Appliance Shop, 1511 State St.
Butte: Radio Eng. & Service Co., 219 W. Park St.

AMERICAN BEAUTY HEATING DEVICES (See American Electrical Heater Co.)

AMERICAN ELECTRICAL HEATER CO., 6110 Cass Ave., Detroit 2, Mich.
("American Beauty" electric heating devices)
Parts and service:
Salt Lake City: Appliance Service Center, 57 Richards St. (1)
Denver: Midwest Electric Wiring Co., 323 W. Colfax Ave. (4); (9)
Seattle: Appliance Parts & Service Co., 216 Stewart St. (1)
Los Angeles: Electric Lighting Supply Co., 216 W. 3rd St. (13)
Portland: Morrison Elec. Service, S.W. Washington at Thirteenth
Oakland: California Elec. Service Stations, 166 Grand Ave. (12)
San Francisco: California Elec. Service Stations, 168 1st St. (5)
Spokane: Appliance Parts & Service Co., 609 W. Trent Ave. (8)

AMERICAN IRONING MACHINE CO. (See Speed Queen Corp.)
(Simplex ironers)

AMERICAN MICROPHONE CO., 370 So. Fair Oaks Ave., Pasadena 1, Calif.
Factory Service Only.

AMERICAN SAFETY RAZOR CORP., 303 Jay St., Brooklyn, N. Y.

ANETSBERGER BROS., INC., Techny, Ill.
Spokane: Appliance Parts & Service Co., 609 W. Trent Ave (8)

ANSLEY RADIO & TELEVISION CORP., 41 St., Joes Ave., Trenton 9. N. J.
(Ansley Dynatone Radios)
Dealers are authorized service stations.

A-P CONTROLS CORP., 2450 N. 32nd St., Milwaukee 45, Wis. (formerly Automatic Prod. Co.)
(AP, Oilifter, Trap-it, Trapdri, Unapac, Gassapack, Addapack)
Service Stations:
Spokane: Spokane Washer Co., 203 W. Main St. (9)
Denver: Instrument Service Co., 833 Champa St. (4)
Los Angeles: George T. Hall Co., 5625 W. Washington Blvd.

APEX ELECTRIC HEATER CO., 222 29th St., Oakland 11, Calif.
(Apex electric heater)

APEX ELECRICAL MFG. CO., Cleveland 10, Ohio
(Apex Rotarex, Rotarex, Faultless, Holland-Rieger, Lake State Products)
(Cleaners, washers, ironers)
Parts and service:
Oakland: Electric Appliance Parts Co., 527 E. 8th St.
San Francisco: Electrical Appl. Service Co., 1434 Howard St. (office and parts) and 444 6th St. (service onyl); Washing Machine Parts Co., 1375 Mission St.
Los Angeles: Electrical Appl. Service Corp., 726 W. Venice Blvd.; (office and parts) Washing Machine Parts Co., 1241 S. Hope St.; The Ven Corp., 2832 Newell St.(service only)
San Diego: Electrical Appl. Service Co., 302 17th St.; Washing Machine Parts Co., 1743 India St.
El Paso: Midland Specialty Co., 425 W. San Antonio St.
Phoenix: Midland Specialty Co., 233 So. 11th Ave.
Portland: W. L. May Co., 215 N. W. Park Ave.
Salt Lake City: Glenn Earl, Inc., 245 So. First West
Seattle: Appliance Parts & Service Co., 216 Stewart St.
Sacramento: Finnestead Washer Service, 1306 Jay St.
Spokane: Appliance Parts & Service Co., W. 609 Trent.
Albuquerque: Midland Specialty Co., 121 E. Tijeras Ave.
Denver: Ray Jones, 376 So. Broadway (9)
Distributors:
San Francisco: Apex Rotarex Corp., 1355 Market St. (3)
Los Angeles: J. N. Ceazan Co., 1700 So. Figueroa St. (15)
San Diego: J. N. Ceazan Co., 1945 E Harbor Drive
Seattle: Geo. H. Davis Co., 6169 4th Ave. So.
Reno: Osborne & Dermody, Inc., 253-255 Chestnut St.
Salt Lake City: Glenn Earl Inc., 245 So. First, West
El Paso: Midland Specialty Co., 425 W. San Antonio St.

APPLIANCE MFG. CO., Alliance, Ohio
(Duchess washers)
Distributors:
Billings: Taylor Distr. Co., 2716 Montana Ave.
Salt Lake City: Flint Distr. Co., 316 W. 2d S. St.
(Duchess & Kelvinator washing machines)
Denver: Savage & Son, 203 Wazee Market
Phoenix: Ralph W. Nixon, P. O. Box 702
Parts only:
Los Angeles: Electrical Appliance Serv. Corp., 726 W. Venice Blvd. Washing Machine Parts Co., 1241 So. Hope St. (15)
San Francisco: Electrical Appl. Service Corp., 1434 Harriet St. Washing Machine Parts Co., 1375 Mission St. (13)
Denver: Ray Jones Washing Machine Parts & Repair Co., 376 S. Broadway (9) Western Appliance Corp., 1147 Broadway (3)
Portland: W. L. May Co., 215 N. Park Ave. (9)
Seattle: Appliance Parts & Service Co., 216 Stewart St. (1)
Phoenix: Electrical Equip. Co., 424 Central Ave.
Spokane: Spokane Washer Co., North 115 Browne
San Diego: Washing Machine Parts Co., 1743 India St.

ARMSTRONG PRODUCTS CORP., Huntington 12, W. Va.
(Ironers, electrical specialties)
Los Angeles: Washing Machine Parts Co., 1241 So. Hope St.; Electric Lighting Supply Co., 216 W. 3rd St.; Elec. Appl. Service, 726 W. Venice Blvd.
Portland: W. L. May Co., 215 N.W. Park Ave.
Seattle: Appliance Parts & Service Co., 214 Stewart St.
Denver: Midwest Elec. Service Co., 1124 Santa Fe Drive
San Diego: Elec. Appl. Service Co. of San Diego, 302 17th St.; Washing Machine Parts Co., 1743 India St.
San Francisco: Will M. Aronson, 666 Howard St., Washing Machine Parts Co., 1321 Mission St.

ARTISTIC NEON SIGN CO., 1661 N. Western Ave., Hollywood 27, Calif.

ARVIN INDUSTRIES, INC., Columbus, Ind. (Formerly Noblitt-Sparks Industries, Inc.)
Service Stations:
Phoenix: Dependable Radio & Elec. Co., 1631 W. Jefferson St.
Los Angeles: Electrical Appliance Service Corp., 726 W. Venice Blvd. (15)
Sacramento: Lameo Electric, 1415 21st St.
San Diego: Electrical Appliance Service Corp., 302 17th St.
San Francisco: Will M. Aronson Co., 666 Howard St. (5)
Denver: Midwest Electric Service Co., 1124-26 Santa Fe Drive (4)
Portland: Morrison Electric Co., 1206 S. Wash. at 12th Ave. (5)
El Paso: Wayne M. Tinkler & Co., Ltd., 813 Cedar
Salt Lake City: Enos Electric Co., 1173 S. Second West
Seattle: J. M. Hooper Electric Co., 222 Marion St. (4)

ASSOCIATED MFGRS., 60 Federal St., San Francisco, Calif. (Subsidiary of Noma Elec. Co.) (See Noma.)

ASSOCIATED PROJECTS CO., INC., 157 Marconi Blvd., Columbus, Ohio
(LumiNite. Electric Lighted switch plates, Indicator Lights-Neon lamps)

ASSOCIATED PROD. INC., Sales office—1025 2nd Nat'l Bank Bldg., Akron, Ohio. Factory office—20 So. Ontario St., Toledo, Ohio
Service Stations:
San Francisco: Dahl-Beck Electric Co., 118 Main St.
Portland: Bressie Electric Co., 909 S.W. Fifth Ave.
Seattle: Appliance Service Station, 1781 Broadway
Butte: Moniton Home Appliances Inc., 604 Utah St.
Distributors:
Seattle: Earl E. Eckstrom & Associates, 2601 First Ave. So.
San Francisco: A. B. Murphy Co., 228 9th St.

AUTH ELECTRIC CO. INC., 34-20 Forty-Fifth St., Long Island City 1, N. Y.
(AuthOtone door chimes, signaling systems)
Parts furnished from factory.
Service Stations:
Los Angeles: Agencies Co., 125 So. Santa Fe Ave.
San Francisco: Robert R. Prussia Co., 224-26 Harriet St. (3)
Seattle: Shaffer & Nelson, 312 Occidental Ave.
Denver: Everett T. Vonier Co., 1160 Elati St. (3)
Portland: Shaffer & Nelson, 411 Weatherby Bldg.

AUTOMATIC ELECTRIC MFG. CO., 10 State St., Mankato, Minn.
Representatives:
Los Angeles: R. B. Clapp Co., 314 Omar Ave. (13)
San Francisco: Ballard Co., 407 Sansome St. (11)
Seattle: Dooley-Way Co., 1001 West Lake Ave. N.
Albuquerque: The Sales Co., 1624 N. First St.

AUTOMATIC WASHER CO., Newton, Iowa
(Laundry Queen washers)
Los Angeles: Electrical Appliance Service, 726 W. Venice Blvd. (15). Washing Machine Parts Co.
San Francisco: Elec'l Appliance Service. Washing Machine Parts Co.
San Diego: Elec'l Appliance Service. Washing Machine Parts Co.
Portland: W. L. May Co.
Seattle: Appliance Service Co.
Denver: Ray Jones Washing Machine Parts & Repair Co., 376 So. Broadway
Salt Lake City: A-1 Master Electric Shop, 47 E 4th South St.
Repair parts for Prima washers can be furnished from factory.

AVCO MFG. CORP.
(See Crosley Division)

BABY GRANDE WASHERS (See Vidrio Products Co.)

BAR-BROOK MFG. CO., P.O. Box 6638, Cedar Grove Station, Shreveport, La.
Factory service only.

BARLOW & SEELIG MFG. CO. (See Speed Queen Corp.)

BARTON CORP., West Bend, Wis.
(Barton electric and gasoline engine washers)
Salt Lake City: Granite Furniture Co., 1650 E. 21st South
Albuquerque: Zork Hardware Co., 1414 No. 12th St.
Los Angeles: U. S. Grant Supply Co., 2900 E. 11th St.
Denver: George S. Conley Co., 731 15th St.

BASIC PRODUCTS CORP., 1700 No. Harison St., Fort Wayne 7, Ind.
(Magic defrosters and timers, commercial defrosters)

BAUER MFG. CO., 3121 W. El Segundo Blvd., Hawthorne
(Bauer Electric wall and water heaters)
Factory service only.

BEAM MFG. CO., Webster City, Iowa.
(Coronado, Wizard and A.M.C. washers)
Denver: Ray Jones Washing Machine Co., 376 So. Broadway
Distributors:
Members of Appliance Parts Jobbers Assn.
Western Auto Supply Stores
Gamble Skogmo Stores
AMC Stores

BELTER ELEC. MFG. CO., G. J., 3830 Olive St., St. Louis 8, Mo.
(Belco exhaust, ventilating and window fans)

BENDIX HOME APPLIANCES INC., 3300 W. Sample St., South Bend, Ind. Div. Avco Mfg. Corp.
(Bendix Home Laundry)
Distributors:
Seattle: Harper-Meggee Inc., 960 Republican St. (9)
Spokane: Harper-Meggee Inc., 734 N. Division St.
Portland: Harper - Meggee Inc., 1506 N. W. Irving St. (9)
San Francisco: Leo J. Meyberg Co., 33 Gough St. (1)
Los Angeles: Leo J. Meyberg Co., 2027 S. Figueroa St. (7)
Denver: Larson Distr. Co., P. O. Box 4013 (Colo. N.M. & Wyo.)
Salt Lake City: Flint Distr. Co., 316 W. 2d S. St. (Utah, Ida., Wyo.)
Phoenix: Electrical Equip. Co., 1st Ave. at Madison
Billings: Taylor Distributing Co., Inc., 4148 First Ave. South (Mont. & Wyo.)
El Paso: H. E. McMasters Co., 700 E. Paisano Drive
Honolulu: Electrical Distributors, Ltd., P. O. Box 228

BENDIX RADIO, Baltimore 4, Md.
(Division of Bendix Aviation Corp.)
(Bendix television and radios)
District Merchandisers:
San Francisco: Paul H. Rice Co., 1355 Market St. (3)
Los Angeles: Mulhausen & Hannegan, 1206 Maple Av., Rm. 843 (13)
Portland: D. E. Lindsay Co., 1233 N.W. 12th Ave. (9)
Denver: Nelfan Co., 702 Ernest & Cramer Bldg. (2)

BERNHARDT CO., INC., McDonough, Ga.
Factory service only.

BERSTED MFG. Co., Fostoria, Ohio.
Service Station:
Denver: Marine Air Conditioners, 1863 Wazee St. (2)

BIRTMAN ELEC. CO., 4140 Fullerton, Chicago, Ill.

BLACKSTONE CORP., 1088 Allen St. Ext., Jamestown, N. Y.
(Blackstone home laundry equipment)
Representatives:
Los Angeles: H. E. Caygill, 409 E. 2d St. (12)
San Francisco: Thompson-Diggs Co., 1355 Market St.
Portland: Stubbs Elec. Co., 33 N. W. Park Ave.
Spokane: Tubbs Electric Co., 165 S. Post St.
Denver: Robert F. Clark Co., 3062 Blake St.
Phoenix: Butane Corp., 19th Ave. & Linden
Salt Lake City: Western Gas Appliance, P.O. Box 2407
San Diego: Gold E Distributors, 1905 E. Harbor Dr.
Seattle: Love Electric Co., 318 Westlake No.
Billings: Montana Gas Appliances, 3729 Montana Ave.

BORG-WARNER CO. (See Norge Div.)

BOSS WASHERS (See Frantz Mfg. Co.)

BRAMMER MFG. CO., Davenport, Iowa.

BROILKING APPLIANCES (See International Appl. Corp.)

BUFFALO FORGE COMPANY, P. O. Box 985, Buffalo 5, N. Y.
(Small exhaust fans, large ventilating fans, unit heaters, air cond. equip.)
Factory service only.

BURDICK CORP., THE, Milton, Wis.

CADILLAC ELECTRIC VACUUM CLEANER (See Clements Mfg. Co.)

CALBEST ENG. & ELECTRONICS CO., 828 N. Highland Ave., Hollywood 38, Calif.
Factory service only

CALIFORNIA DESIGN MFG. CORP., 228 N. Front St., Burbank, Calif.
Factory service only.

CALKINS APPL. CO., Niles, Mich.

CAMFIELD MFG. CO., Grand Haven, Mich.
Service Stations:
Billings: Billings Electric Supply Co., 214 N. 30th Ave.
Denver: Midwest Electric Co., 1124-26 Santa Fe Drive (4)
Los Angeles: Electrical Appliance Service, 726 W. Venice Blvd. (15)
Portland: W. L. May Co., 215 N. W. Park Ave. (9)
San Diego: Electrical Appliance Service, 302 17th St. (2)
San Francisco: Electrical Appliance Service, 444 6th St. (3)
Salt Lake City: Appliance Service Center, 57 Richard St. (1)
Seattle: A. Appliance Co., 610 E. Pine St. (22)

CANTON CLOTHES DRYER CO., 368 Hillman Bldg., Canton, Ohio
(Canton clothes dryer)
Factory service only.

CARRIER CORP., 300 S. Geddes St., Syracuse, N. Y.
Branch Offices:
Los Angeles: 1500 S. Santa Fe Ave.
San Francisco: 251 1st St.
Denver: 1718 California St.

CASS WASHERS (See Whirlpool Corp.)

CAUHORN DIST. CO., 9999 Broadstreet, Detroit 4, Mich.
(Electric deodorizer for homes and factories)

CENTURY PRODUCTS WORKS INC., 507 W. 56th St., New York City 19, N. Y.
Factory service only

CHAMPION LAMP WORKS, 600 Broad St., Lynn, Mass.
Pacific Coast Distributor:
San Francisco: Panama Lamp & Commercial Co., 815 Howard St., with warehouses at 1001 E. First St., Los Angeles, and 912 12th Ave, Seattle.

CHELSEA FAN & BLOWER CO., 1206 Grove St., Irvington 11, N. J.
Factory service only

CHICAGO DRYER CO., 2210 N. Pulaski Rd., Chicago 39, Ill.
(Chicago washer, extractor, ironer, clothes dryer, laundry equipment)
Factory service only.

CHICAGO ELECTRIC MFG. CO., 6333 W. 65th St., Chicago 38, Ill.
(Handyhot and Sterling appliances)
Service stations:
Los Angeles: Electric Lighting Supply Co., 216 W. 3rd St. (13)
San Francisco: Byington Elec. Co., 1809 Fillmore St. (15)
Portland: Bressie Elec. Co., 909 S. W. 5th St. (4)
Salt Lake City: Appliance Service Center, 57 Richards St. (1)
Butte: Radio Engineering & Service Co., 219 W. Park St.
Denver: Midwest Elec. Service Co., 1126 Santa Fe Drive
Seattle: J. M. Hooper Electric Co., 222 Marion St. (4)
Phoenix: Dependable Radio & Electronics Co., 1635 W. Jefferson St.
Albuquerque: Troy's Welding Shop, 6201 N. 2nd St.

CHICAGO FLEXIBLE SHAFT CO. (See Sunbeam Corp.)

CHROMALOX UNITS (See Wiegand Co.)

CLARK DIV. (See McGraw Elec. Co.)

CLEMENTS MFG. CO., 6650 S. Narragansett Ave., Chicago (38), Ill.
(Cadillac elec. vacuum cleaner, portable electric blowers)
Portland: Vacuum Cleaner Specialists, Inc., 18 N. W. 4th Ave. (9)
Seattle: Appliance Parts & Service Co., 216 Stewart St.
Los Angeles: Jesse M. Few, 1515 W. 7th St. (14)
San Diego: J. H. Hughes Appliance Co., 718 "E" St.
San Francisco: Noel Vacuum Cleaner Co., 523 Valencia St.
Sacramento: Remington's Vacuum Cleaner Center, 2320 21st St.

CLEVELAND HEATER CO.
(See Air Controls, Inc.)

COFFEE EQUIPMENT SERVICE CO., 282 Sixth St., San Francisco
(Vaculator Line)

COLDSPOT REFRIGERATORS
(See Seeger Ref. Co.)

COLEMAN COMPANY INC., Factory—Wichita, Kansas. Factory branch and warehouse: 6506 So. Stanford Ave., Los Angeles 1, Calif. (For Southern California and Arizona)
Factory branch: 185 Rhode Island St., San Francisco 3, Calif. (For Northern California)
Factory handles direct Ore., Wash., Idaho, Mont., Utah, Nev., N. M., Colo., Wyo

COLLINS CONCRETE & STEEL PIPE CO., 3841 N. Columbia Blvd., Portland (17) Ore.
(Collins and Watermaster elec. water heaters)
Factory service or local dealers only on parts. Defective parts, one year old or less, should be returned with order.

COLLMAN MFG. CORP., 421 W. 12th St., Erie, Pa.

COLONIAL-PREMIER CO., 466 W. Superior St., Chicago 10, Ill.
(Certified lamps and shades, wallettes, and smokers)
Parts from factory only.

COLUMBIA ELEC. & MFG. CO., W. 1024 Ide Ave., Spokane 5, Wash.

COLUMBIA ELECTRIC WATER HEATERS (See Nat'l Steel Construction Co.)

CONLON BROS. MFG. CO., 4512-18 W. Fillmore St., Chicago 24, Ill.
Parts and Service:
Denver: Ray Jones Washing Machine Parts & Repair Co., 376 So. Broadway (9)
San Francisco: Electrical Appl. Ser. Co., 236 Harriet St. (3)
Portland: W. L. May Co., 215 N. W. Park Ave. (9)
Seattle: Appliance Parts & Service, 216 Stewart St. (1)

CONLON DIVISION OF CONLON MOORE CORP., 1806-1828 So. 52nd Ave., Chicago 50, Ill.
Parts Distributors:
Portland: W. L. May Co. Inc., 215 N. W. Park Ave.
Los Angeles: Elec. Appl. Service Corp., 726 W. Venice Blvd.
Sacramento: Al Bedard's, 6026 N. C St.
Denver: Ray Jones, 376 So. Broadway (9)

CONNECTICUT APPLIANCE CO., Winsted, Conn. (Subsidiary of Son-Chief Electrics, Inc.)
(Coronet appliances)
Service Stations:
Seattle: J. M. Hooper Electric Co., 222 Marion St.
Portland: Morrison Electric Co., S.W. Washington at 13th
Los Angeles: California Electric Service Station, 832 S. Alvarado St.
San Francisco: P. & D. Appliance, 1414 34th Ave.
Denver: Midwest Elec. Service Co., 1124-26 Santa Fe Drive
Amarillo: Panhandle Appl. Service, 407 No. Fillmore

CONNECTICUT CLOCKS
(See Ingersoll Div.)

CONNOR, W. B., ENG. CORP., Danbury, Conn.

CONTINENTAL ELEC. CO., 715 Hamilton St., Geneva, Ill.
(Cetron Tubes & Electronic Specialties)
Western representatives:
Gardena, Calif.: Alfred W. Harris, Western Electronic Enterprises, 3348 W. Compton Blvd. (for California)
Seattle: C. B. Parsons & Co., 115 Belmont Ave. No. (for Washington and Oregon.)
Also service at factory

COOLERATOR CO., Duluth 1, Minn.
(Electric refrigerators, ranges and freezers)
Distributors:
Los Angeles: Sues, Young & Brown, 3636 So. Bronson Ave.
San Diego: Lee Distributing Co., 446 W. Beech St. (1)
San Francisco: Pioneer Appliance Co., Inc., 1355 Market St. (1)
Portland: Bargelt Supply, 1131-35 S. W. Washington (5)
Seattle: Seattle Radio & Supply Inc., 2117 2d Ave. (1)
Spokane: True's Dist. Co., N. 717 Hamilton
Salt Lake City: Glenn Earl Inc., 245 So. 1st West
Phoenix: Albert Mathias Co., 305 So. 2nd Ave.
Albuquerque: Albert Mathias Co., 315 No. Broadway
Denver: Robert F. Clarke Co., 3062 Blake St.
Butte: Ellis Paint Co., 910 S. Arizona St.

CORNING GLASS WORKS, Corning, N. Y. Branch office, 1355 Market St., San Francisco, Calif.

COROAIRE HEATER CORP., 1422 Euclid Ave., Cleveland 15, Ohio.
Los Angeles: Conditionaire Ltd., 4000 N. Mission Rd (32)
San Francisco: R. E. Schlendorf, 1355 Market St.
Portland: Lou Johnson Co., 422 N.W. 8th St. (9)
Seattle: Northwest Appl. Dist., 3433 Airport Way (1)
Billings: Midland Implement Co., 2303 Montana Ave.
Phoenix: Wm. English
Denver: Hassco Inc., 1745 Wazee St. (1)

CORONET APPLIANCES
(See Connecticut Appliance Co.)

CORY CORP., 221 N. LaSalle St., Chicago 1, Ill.
Service Stations:
Portland: Bressie Electric Co., 909 S. W. 5th Ave.
San Francisco: M. C. Ross Electrical Appliance, 190 Gough St. (2)
Los Angeles: Sterling Service, 950 So. Flower
Seattle: Appliance Service Station, 1220 Westlake Ave No.
Eugene: C & S Electric, 1070 Williamette.
San Diego: J. F. Zwiener Electric Co., 1242 First St. (1)
Denver: Midwest Electric Service Co., 323 W. Colfax Ave. (4)
Long Beach: Baum Electric Co., 1100 Myrtle Ave.
Palm Springs: McLaughlin Electric, 190 No. Indian Ave.
Sacramento: Lam-Co Electric, 1415 21st St.
Salinas: Salinas Valley Hotel Sup., 117 Main St.
Boise: Electric Service Co., 826 Idaho St.
Lewiston, Idaho: John's Electric Shop
Moscow, Idaho: Moscow Electrical Co., 203 So. Main St.
Twin Falls: Electric Service Co., 233 2nd Ave. East
Astoria: Aladdin Electric Co., 211 W. Bond St.
Bend: Deschutes Electric, 838 Wall
Grants Pass: Hollywood Electric Co., 626 So. 6th St.
Klamath Falls: Leach Service, 123 So. 6th St.
La Grande: Vaughan's Electric, 1117 Adams St.
Medford: Trowbridge & Flynn Elec., 214 W. Main St.
North Bend: North Bend Electric, 1980 Sherman Ave.
Pendleton: R. A. Fjelland Fixit Shop, Second & Courth.
Roseburg: Roseburg Electric, 131 No. Jackson.
Salem: Marion Electric Co., 2697 Portland Road.
Ogden: Appliance Service Center, 2420 Grant Ave.
Salt Lake City: Appliance Service Center, 57 Richards St.
Aberdeen: A. & F. Electric Shop, 112-114 So. Jefferson St.
Bremerton: Ahearn Electric Co., 826 6th St.
Everett: The Willingham Elec. Co., 1810 Hewitt St.
Kennewick: Grigg Bros., 214 Kennewick Ave., Box 227.
Longview: Nelson Electric Co., 1145 Commerce St.
Mount Vernon: The Consumers Elec., Inc., 2nd and Milwaukee.
Port Angeles: Olympic Electric Co., 5th and Lincoln.
Spokane: Maxwell's, Inc., First Ave. at Wall St.
Tacoma: Ajax Electric Co., 747 Fawcett Ave.
Walla Walla: Appliance Services, Inc., 113 W. Adler St.
Wenatchee: Edwards Appliance Shop, 318 Pennsylvania Ave.
Yakima: Yakima Hardware Co.

CROSLEY Division — Avco Mfg. Corp., 1329 Arlington St., Cincinnati 25, Ohio
(Crosley radios, refrigerators, freezers, ranges and kitchens)
Distributors handling repairs parts and doing servicing:
San Francisco: California Elec. Supply Co., 1585 Folsom St.
Los Angeles: J. N. Ceazan Co., 1700 S. Figueroa St. (15)
San Diego: J. N. Ceazan Co., 1945 E. Harbor Dr.
Portland: Crosley Distributing Corp.
Denver: Graybar Elec. Co., Inc., Corner 18th and Blake Sts. (2)
Seattle: Commercial Appl. Co., 1534 1st Ave. S. (4)
Spokane: General Appliance Distributors, Inc., W. 345 Trent Ave.
Tucson: Appliance Distributors, 204 So. Park Ave.
Salt Lake City: Western Supply Co., 357 W. Second S. St.
Phoenix: Appliance Distributors, 213 So. 11th Ave.

CROWN ELEC. MFG. CORP., 4754 N. Clark St., Chicago 40, Ill.
(Electric hot plates)
Factory service only.

CURLEY ELEC. MFG. CO., 2113 S. Orange Drive, Los Angeles 16, Calif.
(Heating elements for electric appliances, thermostats and fuses)

DANRAY-PARKE CO., 1300 East Park Place, Milwaukee 11, Wis.

DEEPFREEZE APPLIANCE DIV. MOTOR PROD. CORP., 2301 Davis St., N. Chicago, Ill.
Distributors:
Phoenix: Al Jennings Co., 607 W. Washington St.
Los Angeles: Ray Thomas Co., 1601 S. Hope St.
San Francisco: Frank Edwards Co. Inc., Appliance Div., 382 6th St.
Salt Lake City: Jackson Distributing Co., 115 So. West Temple St.
Billings: Keefe Auto Supply Co., 3017-19 Montana Ave.
Portland: Stubbs Electric Co., 33 N. W. Park Ave. (9)
Seattle: Northwest Appliance Distributors Inc., 3433 Airport Way
Spokane: Tubbs Electric Co., 165 So. Post St.
El Paso: Triangle Electric Co., 333 W. San Antonio St.
Denver: Appliance Distributors Inc., 211 Wazee Market

DELCO APPL. DIV., GENERAL MOTORS, 391 Lyell Ave., Rochester, N. Y.

DELTA ELEC. CO., 33rd and Nebraska, Marion, Ind.

DELUXE HAIR DRYERS
(See Vidrio Products Co.)

DELUXE VACUUM CLEANERS
(See Ohio Elec. Co.)

DETROIT MICHIGAN STOVE CO., Battle Creek, Mich. (See A-B Stoves)

DEXTER CO., Fairfield, Iowa. Denver: Ray Jones, 376 Broadway (9)

DeWALD RADIO MFG. CORP., 35-15 37th Ave., Long Island City, N. Y.
(DeWald and Electrocall radios)
Factory service only.

DOMESTIC SEWING MACHINES CO., Cleveland 1, Ohio
Distributors:
Billings: Northwestern Auto Supply Co., 420 N. 28th.
Denver: Boyd Distributing Co., 20 W. 13th Ave. (4)
Los Angeles: Leo J. Meyberg Co. Inc., 2027 S. Figueroa St. (7)
Portland: Home Makers Supply Co., 824 S. W. 18th Ave. (5)
Salt Lake City: Zion's Cooperative Mercantile Institution, Wholesale Furn. & Appl. Div., Box 1109, 1665 Bennett Rd. (10)
San Francisco: Leo J. Meyberg Co., Inc., 33 Gough St. (1)
Spokane: Prudential Distributors Inc., S. 151 Stevens St. (8)

DOMINION ELECTRIC CORP., 120 N. Elm St., Mansfield, Ohio
Service Stations:
Fresno: The Clock Shop, 1418 Fulton St.
Los Angeles: Electric Lighting Supply Co., 216 W. 3rd St. (13)
San Diego: J. F. Zwiener Electrical Co., 1242 First Ave.
San Francisco: Will M. Aronson Co., 666 Howard St. (5)
Seattle: J. M. Hooper Electric Co., 222 Marion St.
Portland: Morrison Electric Co., 1206 S. W. Washington at 12th
Denver: Jenson's, 820 15th St.
Spokane: Duncan Electric Co., 124 N. Washington St.
Salt Lake City: Enos Electric Co., 1173 So. Second St., West

DORMEYER CORP., 4316 N. Kilpatrick Ave., Chicago, Ill.
Service Stations:
California Electric Service Station, 168 First St., San Francisco 5

DOVER MFG. CO., 524 River St., Dover, Ohio.

DUCHESS WASHERS
(See Appliance Mfg. Co.)

DUOLECTRIC STEAM IRON
(See Silex Co.)

DURABILT APPL. (See Winstead Hdwe. Mfg. Co.)

EASY WASHER MACHINE CORP., Syracuse 1, N. Y.
Branch office: 1355 Market St.
San Francisco 3, Calif.
(Easy Spindrier, Spiralator, Whirldry washers, Easy ironer)
Distributors:
Denver: Walter Slagle & Co., 725 Broadway
Spokane: Inland Empire Wholesalers, 110 S. Wall St.
Phoenix: Graybar Elec. Co., 434 W. Madison St.
Billings: Midland Dist. Co., P. O. Box 1154
Salt Lake City, ZCMI, 44 S. 2nd West St.
El Paso: Momsen - Dunnegan - Ryan Co., P. O. Box 240
Albuquerque: Momsen-Dunnegan-Ryan Co.
Service Stations:
Denver: Ray Jones Washing Machine Co., 376 So. Broadway: Niles Washing Machine Co., 509 4th St.
Seattle: Appliance Parts & Service Co., 216 Stewart St. (1)
Portland: W. L. May Co., 215 N. W. Park Ave.
San Francisco: Washing Machine Parts Co., 1375 Mission St.; Angelus Sales & Service Co., 940 Mission St., Electrical Appl. Service Co., 1434 Howard St.
Berkeley: Home Appl. Service Co., 2318 Shattuck Ave.
Sacramento: Al Bedard's Parts Supply, 1626 N. C St.
Los Angeles: Electrical Appl. Service Corp., 726 W. Venice Blvd.

EBCO MANUFACTURING CO., 401 W. Town St., Columbus, Ohio
(Oasis Air Drier)
Distributors
Bakersfield: Gough Industries, 3125 Jewett Ave.
Fresno: Dallman Co., 414 P St.; General Electric Supply Corp., 1234 O St.
Long Beach: Allied Refrigeration, 1295 Gaviota Ave.; Gough Industries, 828 W. Anaheim
Los Angeles: General Electric Supply Corp., 700 Turner St.; Gough Industries, 827 E. 1st St.
Oakland: Dallman Co., 2103 E. 12th St.; General Electric Supply Corp., 53rd & Hollis St., Emeryville.
Sacramento: Allied Refrigeration, 705 14th St.; General Electric Supply Corp., 668 Third Ave.; Gough Industries, 3255 Fifth Ave.
San Francisco: Dallman Co., 685 7th St. (7); General Electric Supply Corp., 1201 Bryant St.; Williams Equipment Co., Ltd., Room 351—420 Market St.
Santa Barbara: Gough Industries, 404 State St.
Portland: Ralph S. Hamilton Co., 1113 N. W. Glisan St. (9)
Seattle: General Electric Supply Corp., 1212 First Ave. (4); Refrigeration Engineering Co., 2120 Second Ave. (1)
Tacoma: General Electric Supply Corp., 2316 So. A St.
Denver: McCombs Refrigeration Supply Co., 1524 15th St.
Great Falls: Thermal Co., Inc., 306 First Ave., South
Phoenix: General Electric Supply Corp., 441 W. Madison St.; Gough Industries, 917 W. Madison St.; Al Jennings Co., 607 W. Washington St.
Tucson: Albert Steinfeld Co., 119 N. Stone Ave.
Albuquerque: McCombs Refrigeration Co., 322 N. 1st St.

Boise: Afton-Lemp Electric Co., 415 S. 9th St.
(Oasis electric water cooler)
Distributors:
Bakersfield: Gough Industries, 3125 Jewett Ave.
Los Angeles: Gough Industries, 827 E. First St.
Long Beach: Allied Refrigeration, 1295 Gaviota Ave. (4); Gough Industries, 828 W. Anaheim
Sacramento: Dallman Co., 6th & Q Sts.
Oakland: Dallman Co., 2103 E. 12th St.; Gilson Supply Co., 1106 Madison
San Diego: Allied Refrigeration, 705 14th St.; Gough Industries, 3255 Fifth Ave.
San Francisco: Dallman Co., 687 7th St. (7); Williams Equipment Co., Ltd., Room 351, 420 Market St.
Santa Barbara: Gough Industries, 404 State St.
Portland: Ralph S. Hamilton Co., 1113 N.W. Glisan St. (9)
Seattle: Refrigeration Engineering Co., 2120 2nd Ave. (1); Refrigeration & Power Specialites Co., 353 Harrison (9)
Billings: Midland Implement Co., 2303 Montana Ave.
Phoenix: Arizona Hdwe. Co., 1st & Jackson St.; Gough Industries, 917 W. Madison St.; Al Jennings Co., 607 W. Washington St.
Tucson: Albert Steinfeld Co., 119 N. Stone Ave.
Colorado Springs: Colo. Springs Supply Co., 121 W. Cucharras
Denver: McCombs Refrigeration Supply Co., 1524 15th St.; Carson Hotel Supply Div., Carson Crockery Co., 1301 Wazee St.
Boise: Afton-Lemp Electric Co., 415 S. 9th St.
Albuquerque: Albuquerque Lumber Co., Wholesale Division; McCombs Refrigeration Co., 322 N. 1st St.
Fresno: Billat Store Equipment Co., 1225 E St.; Dallman Co., 414 P St.
Great Falls: Thermal Co., Inc., 306 1st Ave., South

EDISON GENERAL ELECTRIC APPL. CO. (See Hotpoint Inc.)

EDWARDS CO. INC., Norwalk, Conn.
Edwards sales offices:
Denver: 3327 Brighton Blvd. (5)
Los Angeles: 1004 E. 4th St. (13)
San Francisco: 2720 17th St. (10)
Seattle: 2207 First Ave. S. (4)
Spokane: 209 Hyde Bldg.
Portland: 907 Terminal Sales Bldg.
Salt Lake City: 159 Pierpont Ave.

ELECTRESTEEM PRODUCTS (See Electric Steam Radiator Corp.)

ELECTRICAL APPLIANCE SERVICE CO., 4238 Broadway, Oakland, Calif.
(Parts for little Giant Washers)

ELECTRIC HEATER CO., Bridgeport 1, Conn.
(Electric water heaters)
No sales repr. on Pac. Coast.
Factory service only.

ELECTRIC HOUSEHOLD UTILITIES CORP. (See Hurley Machine Div.)

ELECTRIC SPRAYIT CO., Sheboygan, Wis.
(Air compressors and paint spraying equip.)
Service:
Seattle: Northwest Factory Agents Inc., 310 2nd West (99)
Oakland: Air Equipment & Supply Co., 3329 Broadway
Los Angeles: Lang Engineering Co., 1937 So. Hoover St.
Denver: Agnew Compressor Co., 219 Broadway

ELECTRIC STEAM RADIATOR CORP., One Electric Ave., Paris, Ky.
(Electresteem products)
Service:
Seattle: Pacific Utilities, 125 N. 1st St. (9)
Portland: Bressie Electric Co., 909 S.W. 5th Ave.
Salt Lake City: Wolters Electric Co., 238 S. State St.
Denver: Midwest Elec. Wiring Co., 323 W. Colfax Ave.
Los Angeles: State Appliance Co., 2224 W. 7th St.
San Diego: Electric Appliance Service Corp., 302 17th St.

ELECTRICAL RESEARCH LABORATORIES INC., 2020 Ridge Ave., Evanston, Ill.
(Eria and Sentinel radios)
Seattle: James J. Backer Co., 2321 2nd Ave. (1) (Ore., Wash., Ida., Mont.)
Los Angeles: E. J. Jordan, 650 S. Grand Ave. (14) (Calif., Ariz., N.M., Nev.)
Denver. Parker Co., 1520 Wazee St. (Colo.)

ELECTROCHEF RANGE
(See Electromaster, Inc.)

ELECTROLUX INC., 500 5th Ave., New York City, N. Y.

ELECTROMASTER RANGE DIVISION, PHILCO CORP., 151 Lafayette, Mount Clemens, Mich.

ELECTRO-MITE PORTABLE WASHER (See Menasco Mfg. Co.)

ELECTROMODE CORP., 45 Crouch, Rochester 3, N. Y.
Service Stations:
San Francisco: The General Appliance Co., 369 Fell St.
Seattle: City Electric & Fixture Co., 2014 3rd Ave.
Spokane: Appliance Repair Co., S. 173 Wall St.
Portland: Colonial Heights Radio Service, 2135 S. E. Division St.
Fresno: The Clock Shop, 1418 Fulton St.
Los Angeles: Utility Repair Shop, 1928 W. 7th St.
Sacramento: Lamco Electric, 1415 21st St.

ELECTRO TOOL CORP., 1718 Layard Ave., Racine, Wis.
(Whisker Shavers and Cadet Hair Clipper)
Factory service only.

ELECTRIC VACUUM CLEANER CO. (See General Electric)

ELECTRO-LOG (See Strait & Richards, Inc.)

ELECTRO-VOICE INC., Cecil & Carroll St., Buchanan, Mich.
Factory agents:
Los Angeles: M. D. Ealy, 633 S. LaBrea
San Francisco: A. J. Hitt, 1355 Market St.
Denver: W. Clif McLoud & Co., 5528 E. Colfax Ave.
Seattle: George D. Norris Co., 3010 First Ave.
E-V products sold through Wholesale distributors.

ELFSTROM, W. B. CO., 2300 E. 48th St., Los Angeles, Calif.

ELK MANSTER, INC., 601 E. Crosier St., Akron 1, Ohio
Distributors:
Long Beach: Frank E. Brady, 5864 E. 2nd
Albuquerque, N. M.: L. H. Chant Electric Co., 712 W. Cooper
Yuma, Ariz.: Curley's Electric Service, 150 4th Ave.
Riverside: Norman T. Ehlers, 6426 Magnolia Ave.
Ingleside: Glen Johnson Electric Co., 106 E. Queen St.
Santa Ana: Lindsay Electric Co., 1425 S. Main St.
San Bernardino: E. L. McAdams Electric, 376 D St.
San Fernando: Ranion Electric, 1014 De Garno St.
San Fernando: Still Electric Shop, 237 S.
Pasadena: Sander's Electric Co., 576 S. Fair Oaks Ave.
Santa Monica: Sunbeam Electric Co., 719 Santa Monica Blvd.

ELKINS-EWALL CO., 2034-36 W. Westmoreland St., Philadelphia 40, Pa.
Representatives:
San Francisco: Henry M. Butcher, 1800 Franklin St.
Denver: H. N. Broyles, P.O. Box 473

ELRAM LAMP WORKS, Hoboken, N. J.

EMERSON RADIO & PHONOGRAPH CORP., 111 8th Ave., New York City 11, N. Y.
(Radio and TV receivers)

EMPIRE & EMPCO APPL.
(See Metal Ware Corp.)

ERIA RADIOS (See Electrical Research Lab., Inc.)

ESTATE STOVE CO., THE. (Subsidiary of Noma Electric Corp.)
Hamilton, Ohio
(Heatrola and Estate ranges)
Repair Parts Distributors:
Phoenix, Electrical Equipment Co. of Arizona, 1st Ave. at Madison
Denver: Robert F. Clark Co., 3062 Blake St.
Los Angeles: Quality Television Corp., 1235 E. Olympic Blvd.
Oakland: Household Products Co., 2783 E. 12th St.
Portland: Harper-Meggee Inc., N.W. 15th & Irving Sts.
Seattle: Harper-Meggee Inc., Republican & Terry Sts.
Spokane: Harper-Meggee, Inc., N. 743 Division
San Diego: Gold E Distributors, 1905 E. Harbor Drive
Boise: Afton-Lemp Electric Co., 401-15 S. 9th St.
Helena: D. N. Latus & Co., 1531 National Ave.
Albuquerque: Zork Hardware Co. of N.M., Inc., 1414 N. 12th St.
Salt Lake City: Standard Supply Co., 531 S. State St.

EUREKA WILLIAMS CORP., Bloomington, Ill.
(Vacuum Cleaner Division)
(See also Williams Oil-O-Matic Division.)
Distributors:
Los Angeles: Eureka Williams Corp., 1311 W. 7th St. (14)
San Francisco: Eureka Williams Corp., 1301 Mission St.
Phoenix: Eureka Williams Corp., 1311 W. 7th St.
Salt Lake City: A. E. Carter Co., 177 E. Broadway
Billings: Taylor Distributing Co., 2716 Montana Ave.
Seattle: Nick Schneider Co., 1009 S. W. 5th Ave.
Spokane: The Eureka Agency, c/o Palace Dept. Store, Main and Post
Portland: N. Schneider Co., Suite 112, 1009 S.W. Fifth Ave.
Denver: Boyd Dist. Co., 20 W. 13th Ave.
Albuquerque: Boyd Dist. Co., N. M. Branch, 306 E. Lead St.
El Paso: Gorman Eng. Co. Inc., 1701 Texas St.

EVERHOT ELEC. APPL.
(See Swartzbaugh Mfg. Co.)

FAIRBANKS, MORSE & CO., 600 S. Michigan Ave., Chicago 5, Ill.
(Fairbanks, Morse water systems, washers and ironers)
Minor repairs by dealers in field: major repairs should be referred to branch offices:
Portland: 105 S.E. Taylor St. (Ore., Wash., part Ida. and Mont.)
San Francisco: 630 3rd St. (7) (Part Calif., Ida., Nev., Wyo., all Utah & Hawaiian Is.)
Los Angeles: 4535 S. Soto St. (11) (Part Calif. & Nev., all Ariz.)
Dallas: 1713 N. Market St. (2) (Part N. Mex.)
Kansas City: 1218 Liberty St. (7) (All Colo., part N. Mex.)

FARADAY ELECTRIC CORP.
(See Sperti Faraday Inc.)

"I know of no savings plan better suited to individuals . . ."

HAROLD H. SWIFT
Chairman of the Board, Swift & Co., Inc.

"I know of no savings plan better suited to individuals than buying U. S. Government Bonds through the payroll deduction plan. Systematic saving in this manner is an excellent way to produce a backlog of security for future need."

Let's take a look at the Payroll Savings Plan.

Introduced in 1941—and quickly taken up by industry—Payroll Savings offered employed men and women an opportunity to build for individual and national security through systematic savings in *U. S. Defense Bonds.*

During the war years, Americans continued to save—and helped to finance a large part of the cost of the war—by Payroll purchases of *U. S. War Bonds.*

In the post-war period of adjustment, billions of dollars in bonds provided an economic cushion new to this or any nation. Inflation would have been a far more serious problem had these billions of dollars been used for competitive spending.

Since VJ Day, men and women have continued to build security through easy, systematic Payroll purchases of *U. S. Savings Bonds.*

In June 1950, Americans held a total of 56 billion dollars in U. S. Defense, War and Savings Bonds, a figure higher than that held on VJ Day. More than 8,000,000 employees, in 21,000 large companies (employing 100 or more) were saving, month after month, in *U. S. Savings Bonds.*

In November, 1950, thousands of top executives took a look at their Payroll Savings Plans. Then, through a simple person-to-person canvass of their employees they made sure that every man and woman was given a Payroll Savings Application Blank and an opportunity to make his or her own decision. The results would be astonishing to any but Americans. Without pressure or emotional appeal, employee participation jumped from 30%, 40%, to 80% . . . 85% and even higher. More than a million workers have joined the Payroll Plan or increased their monthly investment.

Take a look at your company's Payroll Savings Plan. See that every employee—particularly the newer ones—are given a Payroll Savings Application Blank—and an opportunity to save through monthly investment in U. S. Defense Bonds. Phone, or write to *Defense Bonds Division,* U. S. Treasury Department, Suite 700, Washington Building, Washington, D. C. Your State Director is ready to help you help your employees and your country.

The U. S. Government does not pay for this advertising. The Treasury Department thanks, for their patriotic donation, the Advertising Council and

ELECTRICAL WEST

FARIES MFG. CO., 1050 E. Grand Ave., Decatur, Ill.
(Portable Lamps)
Factory service only:

FARNSWORTH TELE. AND RADIO CORP., Fort Wayne 1, Ind.

FASCO INDUSTRIES INC., P. O. Box 509, Rochester 2, N. Y.

FAULTLESS, Holland-Rieger, subsidiary of Apex Elec. Mfg. Co. (See Apex.)

FILTER QUEEN
(See Health-Mor Inc.)

FILTEX CORP., 421-23 E. 15th St., Los Angeles 15, Calif.
(Hygienic Filtex cylinder type vacuum cleaner and air purifier)
Distributors:
Corte Madera: **H. H. Diebel**, 103 Stetson Rd.
Los Angeles: Filtex Southern Calif. Co., 4157 W. Fifth St. (5)
San Diego: **Filtex Sales & Service**, 2518 University Ave.
San Francisco: **Filtex Sales & Service**, 4000 Mission St. (12)
Vallejo: Frank Birch, 1214 Georgia
Tacoma: **T. R. Devereaux**, 802 N. Eye St.
Seattle: **Filtex Distributing Co.**, 403 E. Pike St.
Spokane: **E. R. Raver, W.** 2515 Broadway
Twin Falls: **V. L. Miles**, 445 W. 2nd St.
Butte: **A. J. Mehrens**, 321½ No. Alabama St.
Oregon City: Gordon T. Brown, 1322 Main St.
Salt Lake City: Filtex Co. of Utah, 1511 E. 3150 South
Denver: Filtex Sales & Service, 426 18th St.
Phoenix: Hamilton Filtex Sales & Service, 108 E. Pierce St.
Albuquerque: Filtex of New Mexico, 305 S. Rio Grande Blvd.

FINDERS MFG. CO., 3669 S. Michigan Ave., Chicago 15, Ill.
(Aluminum household specialties)
Service Stations:
Denver: Western Appl. & Elec. Co., 1159 Stout St.
San Francisco: **M. C. Ross**, 190 Gough St.
Los Angeles: State Appliance Service, 2224 W. 7th St.

FIRAN CO., 1735 Berkeley St., Santa Monica, Calif.
(Firan Glomaster electric heaters)

FLOOROLA PRODUCTS INC., 560 Maryland Ave., York, Pa.
(Floorola floor waxer & polisher)
Distributors:
Los Angeles: Leo J. Meyberg Co., 2027 S. Figueroa
San Francisco: Leo J. Meyberg Co., 33 Gough St.
El Paso: Elec. & Mech. Supply Co.
Major repairs:
Send to factory.

FLORENCE STOVE CO., 205 School St., Gardner, Mass.
(Florence electric range—equipped with Chromalox units)
For Chromalox units see Edw. L. Wiegan Co.
Factory only for other service.

FORESTEK PLATING & MFG. CO., 9607 Quincy Ave., Cleveland 6, Ohio.
(Fortek sandwich toaster, food warmer trayette, table stove, combination sandwich toaster and waffle iron)
Factory service only.

FOWLER MFG. CO., 2545 S.E. Gladstone St., Portland 2, Ore.
Distributors:
Portland: Appliance Wholesalers, 600 N. W. 14th Ave.
Seattle: **F. B. Connelly Co.**, 1015 Republican St.; Schwabacher Hdwe. Co., 401 First Ave. South
Spokane: Columbia Electric & Mfg. Co., S. 123 Wall St.
Billings: Midland Distributing Co., 2302 First Ave. North
Salt Lake City: **Flint Distributing Co.**, 316 W. Second South St.
Denver: **Western Appliance Corp.**, 201 So. Cherokee (9)
Phoenix: **Electrical Equipment** Co. of Arizona, First Ave. at Madison
San Diego: San Diego Pipe & Supply Co., 2827 43rd St.
San Francisco: **Kaemper & Barrett Dealers Supply Co.**, 1850 Mission St.

FRANTZ MFG. CO., THE, 1200 Camden Ave. S. W., Canton, Ohio
(Boss, Laundry Queen and Young washers)
Distributors:
Long Beach: Home Service Co., 2100 E. 4th St. (14)
Los Angeles: Electrical Appliance Service Corp., 726 W. Venice Blvd.; Washing Machine Parts Co., 1241 S. Hope St.
Sacramento: Al Bedard's Parts Supply, 1626 N. C St. (14)
San Diego: Electrical Appl. Service Corp., 302 17th St.
San Francisco: Electrical Appl. Service Corp., 1434 Howard St.; Washing Machine Parts Co., 1375 Mission St.
Denver: Ray Jones Washing Machine Parts, 376 Broadway (9); Niles Washing Machine Supply Co., 509 14th St. (2)
Pueblo: Ingle Washing Machine Co., 417 N. Santa Fe
Boise: Merit Service Supply, 105 S. 15th St.
Roswell: Papworth Washing Machine Parts, 1800 N. Lea
Eugene: Washing Machine Service Co., 630 Willamette St.
Klamath Falls: Merit Washing Machine Service, 611 S. 6th St.
Portland: W. L. May Co., 213 N.W. Park Ave. (9); Gilbert Bros., 826 W. 2nd Ave. (4)
Salt Lake City: A-1 Master Electric Co., 47 E. 4th St.
Seattle: Appliance Parts & Service Co., 216 Stewart St.
Spokane: Spokane Washer Co., 203 W. Main St.

FREE SEWING MACHINE CO., Rockford, Ill.
(Free - Westinghouse and New Home)
Free-Westinghouse—All Westinghouse Supply Co. branches and:
Denver: **Savage & Son**, 200 Wazee
El Paso: **Zork Hardware Co.**
San Diego: **Electrical Supplies Distri. Co.**, 435 Second Ave.
New Home distributors:
Los Angeles: Herbert H. Horn Inc., 915 Mateo St.
San Francisco: **McCormack & Co.**, 450 9th St.
Phoenix: **Black & Ryan, P. O.** Box 2234
Denver: McCollum-Law Corp., E. 48th Ave. at Colorado Blvd.
Salt Lake City: Kimball Distributing Co., 1008 Continental Bank Bldg.
Billings: Taylor Distributing Co., 2716 Montana Ave.
Spokane: **Harper-Meggee Inc., N.** 734 Division
Seattle: **Harper-Meggee Inc., Republican & Terry St.**
Portland: **Harper-Meggee Inc., N. W. 18th & Irving**

FRESH-ND AIRE CO., Division of Cory Corp., 221 No. La Salle St., Chicago 1, Ill.
(Fans, air circulators and heater fans)

FRIGIDAIRE DIVISION, General Motors Corp., 300 Taylor St., Dayton 10, Ohio
(Frigidaire home appliances, com'l refrigeration, air conditioners)
Pacific Region:
Frigidaire Division, General Motors Corp., 1355 Market St., San Francisco, Calif.
Frigidaire Sales Corp. offices:
Oakland: 1250 58d St. (8)
Los Angeles: 3251 Leonis Blvd. (11)
Denver: 215 Wazee Market (4)
Distributors:
Seattle: **Sunset Elec. Co., P. O. Box 3148 (14)**
Spokane: **Sunset Electric Co., S.** 160 Howard St. (8)
Portland: **Sunset Elec. Co.**, 1035 N. W. 14th Ave. (9)
Salt Lake City: **W. H. Bintz Co., P. O. Box 1350 (11)**
Billings: Northwestern Auto Supply Co., 420 N. Broadway
Service stations:
Denver: **Snodgrass & Smith Co.**, 1941 Market St. (2)
Oakland: Shirar Young Co., 24th & Broadway
San Francisco: Shirar-Young Co., Pine & Van Ness
Los Angeles: Service rendered by dealers
Billings: Service rendered by dealers
Portland: Sunset Electric Co., 1035 N. W. 14th Ave. (9)
Spokane: Service rendered by dealers.
Salt Lake City: Service rendered by dealers.

GALVIN MFG. CORP. (See Motorola Inc.)

GAUPEL, R. J. 1014 N. La Brea Ave., Los Angeles, Calif.

GEIER CO. (See Royal Vacuum Cleaner Co.)

GEM DANDY ELECTRIC CHURN
(See Alabama Mfg. Co.)

GENERAL CONSTRUCTION CORP., St. Petersburg 7, Florida
(Icette)
Service parts handled direct from plant.

GENERAL DEVICES CO., P. O. Box 635, Springdale, Conn. Parts and repair service for Hanley Shavers and Clipshaves.

GENERAL ELECTRIC CO., 1285 Boston Ave., Bridgeport, Conn.
(GE appliances)
(See also Hotpoint, Inc.)
Household refrigerators, home laundry, ranges, water heaters, dishwashers and disposals
Boise: **G.E. Supply Corp., 618 S.** 8th St.
Butte: **G.E. Supply Corp., 900** E. Front St.
Fresno: **Valley Electrical Supply** Co., 3306 E. Tulare St.
Los Angeles: **G.E. Appliances** Inc., 150 W. Jefferson St.
Emeryville: G. E. Supply Corp., 5400 Hollis St.
Phoenix: **Arizona Wholesale Supply Co., 505 W. Madison St.**
Portland: **G.E. Supply Corp., 300** N. W. 14th Ave.
Sacramento: **G.E. Supply Corp.,** 1131 S St.
Salt Lake City: **G.E. Supply** Corp., 310 W. 2nd S.
San Francisco: **G.E. Supply** Corp., 1201 Bryant St.
Seattle: **G.E. Supply Corp., 1212** 1st Ave. S.
Spokane: **G.E. Supply Corp., S.** 122 Monroe St.
Tacoma: **G.E. Supply Corp., 2316** A St.
Clocks:
Seattle: Clock Shop, 325 Joshua Green Bldg.
Spokane: Harry's Elec. Clock Hospital, 175 So. Post St.
San Francisco: **California Elec.** Service Sta., 168 1st St.; M. C. Ross, 190 Gough St.
Los Angeles: **California Elec.** Service Sta., 832 So. Alvarado St.
San Diego: **J. F. Zwiener Elec. Co., 1242 1st Ave.**
Phoenix: Vinson-Carter Electric Co., 325 N. 4th St.; Smith's Clock Shop, 1512 N. 7th Ave.
Sacramento: **Lam-Co. Elec. Co.,** 1415 21st St.
Salt Lake City: **Time & Instrument Co., 57 Richards St.**
Boise: Wright & Glover, 921 Idaho St.
Fresno: The Clock Shop, 1418 Fulton
Glendale: Glendale Time Shop, 500 No. Brand Blvd.
Long Beach: Calif. Elec. Service Inc., 1407 E. 4th St.
Oakland: The Clock Shop, 144 E. 14th St.
Riverside: Brumgardt's Clock Shop, 3610 8th St.
San Jose: **D. & S. Repair Service**, 310 W. Santa Clara St.
Santa Barbara: Mel Time Repairs, 20 W. Carrillo St.
Santa Rosa: Lueger's Old Clock Shop, 402 4th St.
Denver: Mint Radio Service, 339 13th St.
Billings: Billings Elec. Supply Co., 208 N. 29th St.
Boise: Ray Nichols Clock Shop, 1516 Bannock St.
Butte: Radio Eng. & Service, 219 W. Park St.
Portland: Morrison Elec. Co., 1206 S.W. Washington; Alder Street Clock Shop, 251 S.W. Alder St.
Cheyenne: Schmitt's Jewelry, 614 W. 21st St.
Automatic blankets, fans, footwarmers, heating devices, portable heaters, heat lamps, heating pads, vacuum cleaners
Phoenix: Arizona Wholesale Supply Co., Inc., 505 W. Madison St.; GE Supply Corp., 441 W. Madison St.
Bakersfield: Gough Industries, Inc., 3125 Jewett Ave.
Emeryville: GE Supply Corp., 53rd & Hollis St.
Fresno: GE Supply Corp., 1234 O St.
Long Beach: *American Wholesale Hdwe. Co., 1500 W. Anaheim St.; Gough Industries, Inc., 828 W. Anaheim St.
Los Angeles: General Elec. Co., Appliance Service Center, 1233 S. Hope St.; GE Supply Corp., 700 Turner St., Gough Industries, Inc., 819 E. 1st St.
Sacramento: GE Supply Corp., 1131 S St.
San Diego: GE Supply Corp., 668 3rd Ave.; Gough Industries, Inc., 3255 5th Ave.
San Francisco: General Electric Co., Appliance Service Center, 560 Mission St., GE Supply Corp., 1201 Bryant St.
Santa Barbara: Gough Industries, Inc., 404 State St.
Denver: GE Supply Corp., 1429 18th St., B. K. Sweeney Co., 1601 23rd St.
Boise: GE Supply Corp., 618 S. 8th St.
Billings: GE Supply Corp., 2710 Montana Ave.
Butte: GE Supply Corp., 900 E. Front St.
Albuquerque: Electric Supply Co., 609 N. Broadway; GE Supply Corp., 820 N. First St.
Eugene: *Eoff Electric Co., 556 Charnetton St.
Portland: GE Supply Corp., 300 N.W. 14th St.; *Eoff Electric Co., 509 N.W. 10th Ave.
Salem: Eoff Electric Co., 156 N. Front St.
Salt Lake City: GE Supply Corp., 310 W 2nd S.
Seattle: General Electric Co., Appliance Service Center, 211 James St.; GE Supply Corp., 1212 1st Ave. S.
Spokane: GE Supply Corp., S. 122 Monroe St.
Tacoma: GE Supply Corp., 2316 S. A St.; **Home Electric Co., 1316 A St.

Casper: **Casper Supply Co., 444 S. Center St.
Laramie: **Casper Supply Co., 311 S. 2nd.
Sheridan: **Casper Supply Co., 30 E. Loucks St.
Worland: **Casper Supply Co., 727 Big Horn Ave.
*Except blankets
**Except cleaners and blankets
Radia and Television
Serviced by G. E. Supply Corp.

GENERAL MILLS INC., 1620 Central Ave., Minneapolis 13, Minn.
(Home appliances)
Service Stations:
Colorado Springs: Modern Service Co., 10 E. Colorado Ave.
Greeley: Herdman Elec. Co., 809 10th St.
Butte: Radio Engineering & Service Inc., 219 W. Park St.
Denver: Western Appliance & Electric Co., 1159 Stout St.; Midwest Elec. Service Co., 1124-26 Santa Fe Drive
Salt Lake City: Appliance Service Center Inc., 57 Richards St.
Seattle: Howell Electric, 522 Union
Spokane: Appliance Parts & Service Co., W. 609 Trent Ave.
Pasco: Electric Appliance Co., 124 N. 4th St.
Tacoma: Ajax Electric Co., 747 Fawcett St.
Portland: Bressie Electric Co., 909 S. W. 5th St.
Bakersfield: Urner's Appliance Center 812 21st St.
Fresno: Leonard F. Ballmer, 2430 Stanislaus
Long Beach: Dean & Hoffman, 221 American Ave.
Los Angeles: The Electric Lighting & Supply Co., 216 W. 3rd St.; Electrical Appliance Service Corp., 726 W. Venice Blvd.
San Diego: J. F. Zwiener Electrical Co., 1242 First Ave.
Stockton: The Electric Shop, 41 N. American St.
Ventura: Louis A. Snow, 230 E. Main St.
Boise: C. A. Bodily Radio Service, 1603 N. 13th St.
Reno: Moore-Tally Inc., 2nd and West Sts.
Phoenix: Vinson-Carter Electric Co., 325 N. 4th St.
Tucson: Grabe Electric Co., 26 E. Congress St.
Billings: Curley-Naylor Electric Co., 215 N. Broadway
Albuquerque: ABC Radio Service, 512 N. 4th St.
San Francisco: Will M. Aronson Co., 666 Howard St.
Sacramento: Lam-Co., 1415 21st St.

GENERAL MOTORS CORP. (See Frigidaire Div., and Delco Appl. Div.)

GENERAL WATER HEATER CORP., 240 N. Front St., Burbank, Calif.

GENNETT & SONS, 1 Main St., Richmond, Ind.
(Gennett Refrigerators)
Factory service only.

GIBSON REFRIGERATOR CO., Greenville, Mich.
(Gibson refrigerators, ranges and home freezers)
Fresno: Kieruff & Co., 725 L St.
Long Beach: Graybar Elec. Co., 17th & Daisy Ave.
San Francisco: J. J. Lukanish Co., Western Mdse. Mart, 1355 Market (3)
Los Angeles: Graybar Elec. Co. Inc., 210 Anderson St. (54)
San Diego: Graybar Elec. Co. Inc., 720 State St.
Portland: Elec. Distb. Inc., 140 N. W. 14th St. (9)
Seattle: Seattle Hdwe. Co., 501 1st Ave. S., Box 3208 (14)
Spokane: Prudential Distributors Inc., So. 151 Stevens St. (8)
Billings: Billings Hdwe. Co., Box 2090, 2702 Montana Ave.
Salt Lake City: Jackson Dist. Co., 115 S. W. Temple
Phoenix: Graybar Elec. Co. Inc., 434 W. Madison St. (2)
El Paso: Appliance Distributors 1409 Texas St.
Denver: Austin & Son, 1819 Wazee St.

GILBERT CO., A. C., New Haven 6, Conn.
(Gilbert toys, electrical prod.)
Service Stations:
Los Angeles: Motor and Machinists Elec. Supply, 236 S. San Pedro St.
Portland: Morrison Elec. Service, 1236 S. W. Washington at 13th. (fans and appliances); John J. Debe, 4529 S. E. 52nd Ave. (trains only)
Hollywood: Hollywood Hobby & Electric Shop, 1522 Cahuenga Blvd.
Long Beach: Rays Hobby Model Supplies, 1222 American Ave. (3)
Los Angeles: Gough Industries Inc., 819-827 E. First St. (54)
Oakland: John F. Brockman, 1721 Jefferson St. (12)
Pasadena: Garstang's Model-Hobby Shop, 87 E. Colorado St. (1)
San Diego: Glenn's Repair Shop, 1410 C St. (2)
Seattle: R. J. Lewis, 7001 29th Ave. N.E. (5)

GILL ELEC. MFG. CORP., 624 W. Citrus Ave., Redlands, Calif.

GLO-LITE, Chicago, Ill. (Subsidiary of Noma Elec. Co.—See Noma)

G-M LABORATORIES INC., 4300 N. Knox Ave., Chicago 41, Ill.
(Surf Electric fans and heaters)
Factory service.

GOODRICH MFG. CO., P. O. Box 267, So. San Francisco, Calif.

GREEN COLONIAL FURNACE CO., 322 S.W. 3d St., Des Moines 7, Iowa.
(Green Colonial gravity and forced air heating for coal, gas and oil fuels)
Factory service only.

GRIFFIN LAMP CO., 3rd and Sycamore Sts., Hamilton, Ohio. (Warehouse)
Los Angeles: 3219 S. Figueroa St. (7)

GRISWOLD MFG. CO., Erie, Pa.
(Griswold com'l cooking equipment & utensils)
Write to factory for advice.
Representatives:
Los Angeles: W. F. Smith, 6356 Drexel Ave (36)
Denver: George R. Woodward, 1863 Wazee St. (2)

HAAG CO., Fairfield, Iowa
(See Ideal Parts Co.)

HALLICRAFTERS CO., 5th & Kostner Ave., Chicago 24, Ill.
(Radio and electrical equipment)
Service stations:
Hollywood: Hollywood Electronics, 7460 Melrose Ave.
Long Beach: Advance Radio & Television, 503 South St.
Oakland: Winsby-Fleming, 4802 E. 14th Ave.
San Bernardino: Wagoner's Radio & TV Service, 108 E St.
San Diego: Electronic Service Co., 803 Front St. (2)
Los Angeles: Television Craftsmen, 8746 Melrose Ave.
San Francisco: Crocker-Johnson Co., 460 Townsend
Denver: Colorado Sound & Electronic Service, 170 So. Broadway
Portland: Radio Specialty Mfg. Co., 2023 S.E. 6th St.
Salt Lake City: Morgan & Son, 37 Kelsey St. (6)
Seattle: United Electronic Service Inc., 1160 John St.; Electronic Supply Corp., 207 So. Administration Bldg., Beoing Field (8)
Tacoma: Paine Radio, 4001 So. Tacoma Way

HAMILTON BEACH CO., Div. of Scovill Mfg. Co., Racine, Wis.
(Hamilton Beach home appliances and soda fountain line)
Phoenix: Vinson-Carter Electric Co., 325 N. 4th St.
Spokane: Appliance Parts & Service, 609 W. Trent Ave.
Portland: Morrison Elec. Service, 1206 S.W. Washington (5)
Sacramento: Lam/Co Electric, 1415 21st St. (14)
San Francisco: Will M. Aronson Co., 666 Howard St.
Long Beach: Gulbransen Appliance Service, 340 E. 4th St.
Los Angeles: Elec. Lighting Supply Co., 216 W. Third St. (13).
San Diego: J. F. Zweiner Elec'l. Co., 1242 1st Ave.
Denver: Midwest Elec. Service Co., 1124-26 Santa Fe Drive
Salt Lake City: Appliance Service Center, 57 Richards St.
Seattle: Appliance Parts & Service Co., 214-16 Stewart St.
El Paso: Wayne M. Tinkler & Co., Ltd., 813 Cedar St. at Five Points

HAMILTON MANUFACTURING CO., Two Rivers, Wis
(Hamilton automatic clothes dryer—electric or gas)
Distributors:
San Francisco: Calif. Elec. Supply Co., Folsom at 12th St. (3)
Portland: F. B. Connelly Co. of Oregon, 1233 N. W. 12th (9)
Salt Lake City: Gordon E. Wilkins—Ironers, 144 So. 5th St. West
Seattle: F. B. Connelly Co., 1015 Republican St. (9)
Spokane: Columbia Elec. & Mfg. Co., S. 123 Wall (8)
Phoenix: Gordon E. Wilkins—Ironers, 246 So. First St.
Denver: McCollum-Law Corp., E. 48th Ave. at Colorado Blvd.

HANKSCRAFT CO., Reedsburg, Wis.
Factory repair service
Agents:
San Francisco: Erlach-Lee Co., 1355 Market St.
Dallas: Clancey Sales Organization, St. Paul & Young Sts.

HANDYHOT APPLIANCES (See Chicago Electric Mfg. Co.)

HANOVIA CHEM. & MFG. CO., Chestnut & N.J.R.R. Ave., Newark, N.J.

HARTFORD ELEMENT CO. INC., 272-8 Windsor St., Hartford 5, Conn.
(Jiffy and Hartford—Electrical repair and replacement elements for electrical appliances; ranges and water heaters)
Distributors:
Fresno: Craver Electric Co.
Los Angeles: J & S Co.; Andrews Hardware & Metal; Edward Apffel Co., Kay Electric Supply; Westinghouse Electric Supply; Electrical Appliance Service Corp.; California Electric Service Co.
San Diego: Graybar Electric Co.; California Electric Works; Electrical Appliance Service Co.
San Francisco: Electrical Appliance Service Co.
San Pedro: Guaranty Electric Co.
Portland: Eoff Electric Co.; General Electric Supply Co.
Salem: Eoff Electric Co.
Kalmath Falls: Merit Service Supply
Spokane: Tubbs Electric
Walla Walla: Electrical Supply & Fixture
Tacoma: Westinghouse Electric Supply Co.
Seattle: Graybar Electric Supply; General Electric Supply Co.; Peerless Electric & Supply
Boise: Merit Service Supply; General Electric Supply
Couer d'Alene: Whiteleys Electric
Butte: Graybar Electric Supply; General Electric Supply
Great Falls: Falls Supply Co.
Columbus, Mont.: Baker Electric
Forsyth, Mont.: Webers Electric
Salt Lake City: Felt Electric Supply Co.; Wolters Electric Supply; General Electric Supply
Phoenix General Electric Supply Co.; Bacon Electric Co.
Tucson: Tucson Electric Supply
Prescott: Wynne Electric Supply
Elko, Nev.: Norquist Electric Supply
Albuquerque: General Electric Supply
Denver: Central Electric Supply; Elliott-Schmidt Electric Supply; Fistell's; Hendrie & Bolthoff Co.
Colorado Springs: Kestler Electric
Buffalo, Wyo.: J. G. Krepper Electric

HEALTH-MOR INC., 203 N. Wabash Ave., Chicago, Ill.
(Filter Queen)
Service Stations:
Filter Queen Co's:
Oakland: 3232 Fruitvale Ave.
San Francisco: 1305 17th Ave.
Los Angeles: 4913 W. Jefferson Blvd.
Pocatello: 1300 Yellowstone
Santa Fe, N. M.: 220 Closson St.
Denver: 1436 Santa Fe Drive
Grand Junction, Colo.: Room 9, Reed Bldg.
Eugene: 480 Davis St.
Yakima: 424 N. Walnut St.
San Diego: Kemp's Vacuum Cleaner Exchange, 1552 5th Ave.
Billings: K. E. Helgeson, 2518 1st Ave., No.
Portland: Aden M. Jones, 808 S. E. Morrison
Seattle: Howard M. Sayers, 3403 34th Ave., S. W.; 359 W. 75th St.
Pateros, Wash.: E. N. Zopf
Montesano, Wash.: C. K. Runyon, 722 W. Broadway
El Paso: 602 N. Oregon
Worland: 1300 Big Horn Ave.

HEATROLA RANGES (See Estate Stove Co., The)

HECTAIRE ELEC. HEATERS (See Markel Elec. Prod. Co.)

HERCULES STEEL PRODUCTS CORP. (See Star Mfg. Co.)

HEXACON ELEC. CO., 161 W. Clay Ave., Roselle Park, N. J.
Representatives:
San Francisco: Omer Cox Co., Rialto Bldg. (serves Northern California)
Seattle: A. S. Knight Co., 3010 Western Avenue (1) (Serves Ore., Wash., Idaho, Mont.) (Utah, Nev., Colo., Wyo. served by factory)
Los Angeles: J. E. Shull, 350 So. Central Ave. (serves Southern California, New Mexico and Arizona)

HILL-SHAW CO., 311 N. Desplaines St., Chicago, Ill.
(Vacuator coffee equipment)
Service Stations:
Los Angeles: State Appliance Service, 2224 W. 7th St.
San Francisco: Coffee Equipment Service, 282 6th St.
Denver: Midwest Electric Service Co., 323 W. Colfax Ave.
Portland: Morrison Electric Co., 1206 S.W. Washington
Spokane: Maxwells Inc., 619 W. First St.
Seattle: Appliance Parts & Service Co., 216 Stewart St.

HOBART MFG. CO., Penn. Ave. and Simpson St., Troy, Ohio.
(See also KitchenAid Electric Housewares Div. and KitchenAid Home Dishwasher Div.)

HOFFMAN RADIO CORP., 3761 S. Hill, Los Angeles 7, Calif.
Distributors:
Denver: Robert F. Clark Co., 3062 Blake St. (5)
Fresno: Kinney & Faust, 1740 Van Ness Ave.
Phoenix: Black & Ryan, 630 W. Washington St.
Salt Lake City: Glenn Earl Inc., 245 South First West (1)
Seattle: Love Electric Co., 318 Westlake Ave. North (9)
Sacramento: E. M. Kemp Co., 1115 R St. (14)
San Diego: Western Radio and Tele. Supply Co., 1415 India St. (1)
San Francisco: Hoffman Sales Corp., 325 Ninth St.
San Jose: Tom Doyle, 202 W. Santa Clara (22)
El Paso: Appliance Distributors Inc., 1490 Texas St.
Los Angeles: Hoffman Sales Corp, 6200 S. Avalon
Albuquerque: Appliance Distributors Inc., 317 N. Commercial

HOLLAND - RIEGER, INC. (See Apex Elec. Mfg. Co.)

HOMECRAFT ELECTRONIC, 3713 W. Roosevelt Rd., Chicago 24, Ill.
Longmont, Colo.: General Midwestern Distributors (handle all inquiries for Homecraft Line)

HOOVER CO., North Canton, Ohio
(Hoover cleaners)
Factory branch stations (prepared to render any service; also have service salesmen and agents throughout Western states; parts are not available to the trade.
Seattle: 2124 2nd Ave.
Tacoma: 1533 Commerce St.
Spokane: Rm. 324-5 Symons Bldg.
Portland: 19 N.E. Broadway (12)
San Francisco: 468 Turk St. (2)
Oakland: 612 High St.
Los Angeles: 3006 W. 7th St. (5); 3422 W. Washington Blvd.
Long Beach: 1209 Pine Ave.
Pasadena: 35 S. Raymond
San Diego: 524 F St.
Santa Clara: 2925 Park Ave.
Denver: 2217 E. Colfax Ave.
Salt Lake City: 325 Brooks Arcade

HORTON MANUFACTURING CO., 781 Osage St., Fort Wayne 1, Ind.
(Horton washers and ironers; handle parts and service on F. L. Jacobs Co. Launderall)
Service Stations:
Seattle: Appl. Parts & Service, 216 Stewart St.
Los Angeles: Elec. Appl. Service Corp., 726 W. Venice Blvd.; Washing Machine Parts Co., 1241 S. Hope St.
San Francisco: Elec. Appl. Service Corp., 236 Harriet St. (3); Washing Machine Parts Co., 1375 Mission St.
Long Beach: Home Service Co., 2100 E. 4th St.
Portland: W. L. May Co., 215 N.W. Park Ave. (9); Appliance Wholesalers, 600 N.W. 14th Ave.
Denver: Ray Jones, 376 S. Broadway (9); Niles Washing Machine Supply, 509 14th St.
San Diego: Washing Mach. Parts Co., 1743 India St.; Electrical Appliance Service Corp., 302 17th St.
Salt Lake City: A-1 Master Electrical Shop, 47 E. 4th St.
Sacramento: Al Bedard's, 1626 N. C St.

HOTPOINT INC., 5600 West Taylor St., Chicago 44, Ill.
District offices at:
Western Merchandise Mart, 1355 Market St., San Francisco 3, Calif.; 1411 4th Ave. Bldg., Rm. 1315, Seattle 1, Wash.
(Hotpoint ranges, water heaters, refrigerators, washers, ironers, dishwashers, dryers, disposals, cabinets, Electric-Sinks, Commercial Cooking equipment)
Household appliances:
Seattle: Graybar Elec. Co. Inc., King & Occidental st. (4)
Spokane: Graybar Elec. Co. Inc., 152 S. Post St. (8)
Tacoma: Graybar Elec. Co. Inc., 2112 A St.
Portland: Graybar Elec. Co. Inc., 809 N.W. Flanders St. (9)
San Francisco: Graybar Elec. Co. Inc., 1750 Alameda Ave. (3)
Fresno: General Elec. Supply Corp., 1234 O St. (18)
Los Angeles: General Elec. Supply Corp., 700 Turner St. (54)
San Diego: General Elec. Supply Corp., 668 Third Ave (12)
Denver: General Elec. Supply Corp., 1429 18th St. (17)
Salt Lake City: Graybar Electric Co. Inc., 336 N. 3rd West St. (13)
Boise: Graybar Electric Co., Inc., 14th & Idaho Sts.
Oakland: 306 12th St., Rm. 22-24
Phoenix: General Elec. Supply Corp., 441 W. Madison St.
Honolulu: Hawaiian Elec. Co., Box 2750 (3)
Oakland: Graybar Elec. Co. Inc., 1911 Union St. (7)
Sacramento: Graybar Elec. Co. 1900 14th St. (1)
Butte: Graybar Elec. Co., Inc., 604 E. Aluminum St.
Eugene: Graybar Elec. Co. Inc., 2180 W. 6th Ave.
Albuquerque: General Elec. Supply Corp., 820 N. 1st Ave.
Commercial cooking equipment:
San Francisco: Dohrmann Commercial Co., 984 Mission St. (3)
Honolulu: Hawaiian Elec. Co., Box 2750 (3)
Albuquerque: General Electric Supply Corp., 820 N. First Ave.
Denver: General Electric Supply Corp., 1429 18th St. (17)

HOTSTREAM HEATER CO., 2363 E. 69th St., Cleveland (4) Ohio

HOWARD RADIO CO., 1735 Belmont Ave., Chicago 13, Ill.
(Television receivers)

HURLEY MACHINE DIV. (See Thor Corp.)

ICETTE (See General Construction Corp.)

IDEAL PARTS CO., 830 Fayette St., Peoria 3, Ill.
(Manufacture and supply repairs for Haag Washers)

INDUSTRIAL TIMER CORP., 115 Edison Pl., Newark 5, N. J.
(Factory service only)

ILLINOIS SEWING MACH. CO., (See Free Sewing Machine Co.), Rockford, Ill.

ILLUSTRAVOX (See Magnavox Co.)

INGERSOLL DIV. of WATERBURY CLOCK CO., 31 Cherry Ave., Waterbury 91, Conn.
(Ingersoll, Kelton, Connecticut and Waterbury clocks)
Factory service only.

INTERNATIONAL APPLIANCE CORP., 222 5th Ave., New York 1, N. Y.
(Broilking appliances)
San Francisco: Will M. Aronson, 666 Howard St. (5)
Los Angeles: Elec. Lighting Supply Co., 216 W. 3rd St. (13)

INTERNATIONAL HARVESTER CO., 180 N. Michigan Ave., Chicago 1, Ill.

INTERSTATE (See Revelation Co.)

INTERSTATE ENGINEERING CORP., 2250 E. Imperial Highway, El Segundo, Calif.
(Compact and Revelation vacuum cleaners)
Repair parts and service at factory.

IRON FIREMAN MANUFACTURING CO., 3170 W. 106th St., Cleveland 11, Ohio
(Automatic oil, gas and coal heating and power equip.)
Portland, Ore., plant, 4784 S.E. 17th Ave (2)

IRONRITE INC., 332 Cass Ave., Mt. Clemens, Mich.
Distributors:
(Ironrite Ironer)
Los Angeles: Gordon E. Wilkins-Ironers Inc., 121 So. Alameda St. (12)
Oakland: Gordon E. Wilkins-Ironers Inc., 3100 Telegraph Ave.
Seattle: F. B. Connelly Co., 1015 Republican St. (9)
Spokane: Columbia Elec. & Mfg. Co., So. 123 Wall St., P. O. Box 1411 (8)
Portland: F. B. Connelly Co., 905 N. W. 12th Ave. (9)
Salt Lake City: Gordon E. Wilkins-Ironers Inc., 144 So. 5th West St.
Billings: Midland Implement Co. Inc., P. O. Box 2113
Denver: Western Appl. Corp., 201 So. Cherokee (9)
Albuquerque: Zork Hardware Co. of N. W., 1412 No. 12 St.
Phoenix: Gordon E. Wilkins-Ironers Inc., P. O. Box 5037

JACKSON APPL. MFG. CO., 75 Frant St., Brooklyn 1, N. Y.

JACOBS CO., F. L., 1043 Spruce St., Detroit 1, Mich. (See Horton Mfg. Co.)

JAMES CLOCK MFG. CO., 5307 E. 14th St., Oakland 1, Calif.
(James Remind-O-Clock)
Factory service only.

JOHNSON & SON, INC., S. C., Racine, Wis.
Service Station:
Denver: Marine Air Conditioners, 1863 Wazee St. (2)

KAUFMAN MFG. CO., Manitowoc, Wis.
Factory service only.

KELTON CLOCKS (See Ingersoll Div.)

KELVINATOR (See Nash-Kelvinator)

KEYSTONE SILVER INC., 509 W. 34th St., New York 1, N. Y.
(Keystoneware percolators)
Service stations:
Los Angeles: Electric Lighting Supply Co., 216 W. 3rd St.
San Francisco: Appliance Service Factors, 123 Stewart St.
Portland: Morrison Electric Co., 1206 S.W. Washington St.
Seattle: A Appliance Co., 610 E. Pine St.

KIRBY HOME RENOVATION SYSTEM (See Scott & Fetzer Co.)

KISCO CO. INC., 2400-40 DeKalb St., St. Louis 4, Mo.
(Kisco Circulair and Cool-Circle-Ator)
Factory service only.

KITCHENAID ELECTRIC HOUSEWARES DIV., Hobart Mfg. Co., Troy, Ohio
(KitchenAid electrical food preparers and electric coffee mills)
Service Stations:
Hobart Sales Agency in San Francisco, San Diego, Santa Rosa, San Jose, Sacramento, Fresno, Los Angeles, Oakland, Long Beach, Stockton, San Bernardino, Denver, Pueblo, Billings, Helena, Boise, Portland, Seattle, Spokane, Tacoma, Salt Lake City, Phoenix, Reno

KITCHENAID HOME DISHWASHER DIV., Hobart Mfg. Co., Troy, Ohio
(KitchenAid automatic home dishwasher)
(See KitchenAid Electric Housewares Div. for service stations)

KINSFORD SPECIALTY CO., 3915 Powelton Ave., Philadelphia, Pa.

KNAPP-MONARCH CO., Bent & Potomac St., St. Louis 16, Mo.
(elec. appl., fans, Knapp shaver)
Service Stations:
Denver: Western Appl. & Elec., 1159 Stout St.
Los Angeles: Elec'l. Appl. Service Corp., 726 W. Venice Blvd.
Phoenix: Vinson-Carter Elec. Co., 325 N. 4th
Portland: Morrison Elec. Service, 1236 S. W. Washington (5); Houston's (Spark. syph. only), 403 S. W. 10th.
Salt Lake City: Appliance Service Center, 57 Richards St.
San Diego: Elec'l. Appl. Service Corp., 302 17th St.
San Francisco: Elect. Appl. Service Corp., 1434 Howard St.
Seattle: Hooper Elec. Co., 322 Marion St.
Spokane: Spokane Appliance Repair, 173 So. Wall St.
Billings: Billings Electric Supply Co., 208 N. 29th St.
Factory service also.

KORD MANUFACTURING CO. INC., 4510 White Plains Road, New York 65, N. Y.
(Heaters and table stoves)
Service Stations:
San Francisco: M. C. Ross, 190 Gough St. (for California)
Boise: C. A. Bodily Radio Service, 1603 No. 13th (for Idaho)
Salt Lake City: Appliance Service Center, 57 Richards St. (for Utah)
Portland: Arrow Electric Co., 911 S.W. 9th Ave. (for Oregon)

L. & H. ELECTRIC RANGES (See A. J. Lindemann & Hoverson Co.)

LACO OIL BURNER CO. INC., Griswold, Iowa
(Laco Oil Burners)
(Minor repairs by local Laco dealers)
Factory service only.

LAKE STATE PROD., INC. (See Apex Electrical Mfg. Co.)

LANDERS FRARY & CLARK, New Britain, Conn.
(Universal electric housewares)
Service Stations:
Long Beach: *California Elec. Service, Inc., 1407 E. 4th St.
Los Angeles: *California Elec. Service, Inc., 832 S. Alvarado St.
Sacramento: *Lameo Electric Co., 1415 21st St.
San Diego: *J. F. Zwiener Elec. Co., 1242 1st Ave.
San Francisco: *Universal Elec. Appl. Co., 1265 Folsom St. (3)
Eugene: C. & S. Electric Co., 1070 Willamette St.
Portland: Morrison Elec. Co., 1206 S.W. Washington at 12th St. (5)
Bremerton: Lent's, 279 4th St.
Seattle: *Appliance Parts & Service Co., 216 Stewart St. (1)
Spokane: *Appliance Parts & Service Co., 609 W. Trent Ave.
Salt Lake City: *Enos Electric Co., 1173 So. 2nd West.
Phoenix: *Vinson Carter Elec. Co., 325 N. 4th St.
Tucson: Grabe Electric Co., Inc., 26 E. Congress St.
Denver: *A & A Appliance Co., 3946 Federal Blvd.
Butte: *Radio Eng. & Service Co., 219 W. Park St.
Tacoma: Ajax Electric Co., 747 Fawcett Ave.
Fresno: The Clock Shop, 1418 Fulton St.
San Jose: D & S Repair Service, 310 W. Santa Clara St.
Billings: *Billings Elec. Supply Co., 214 No. 30th St.
Yakima: Yakima Hardware Co., P.O. Box 17
*—Cleaner service & parts as well as electric housewares parts & service
Vacuum cleaner service stations only:
Los Angeles: Los Angeles Electric Sales & Service, 1301 W. Washington Blvd.; Louis Clark, 2141 W. Washington Blvd.
Portland: Bressie Electric Co., 909 S. W. 5th Ave.; Stark's Vacuum Cleaner Service, 512-516 E. Burnside Ave.

LaSALLE PROD., INC., 143 Seneca St., Buffalo 3, N. Y.
Service Stations:
Portland: Morrison Elec. Co., 1206 S.W. Washington at 12th Ave.

Seattle: A Appl. Co., 610 E. Pine St. (22)
San Francisco: M. C. Ross, 190 Gough St. (2)
Los Angeles: State Serv. Appl., 2224 W. 7th St.
Sacramento: Lamco Elec., 1415 21st St.
Spokane: Spokane Appl. Repair, S. 173 Wall St.
Phoenix: Reliable Wholesaler, 33 N. 6th Ave.
Medford: Electronic Service, 18 N. Grape

LAUNDERALL WASHERS
(See Horton Mfg. Co.)

LEAR INC., 110 Ionia Ave., N. W., Grand Rapids 2, Mich.
West Coast Sales and Service:
Lear Inc. of California, 11916 W. Pico Blvd., Los Angeles 64
(Lear Aircraft Radio)
Service Distributors and Dealers
Bakersfield: Pemberton Flying Service, Dept. 304, 2199 Airport Drive
Fresno: Air Oasis Co., Chandler Field
Oakland: Boyaire Radio Service, Municipal Airport; Pacific Aircraft Sales Co., Municipal Airport
Rialto: Valley Air Services, Box 909
San Francisco: C. J. Hendry Co., 27 Main St. (5)
Phoenix: Sky Harbor Air Service, Box 649, Sky Harbor Airport
Long Beach: Skycrafters Aviation Radio, 2735 E. Spring St.; Martin Aircraft Sales, Municipal Airport
Boise: Aircraft Service Co., P.O. Box 829, Bradley Field
Butte: Butte Aero Sales & Service, Inc., Municipal Airport
Seattle: Angle Radio Co., 209 1st Ave. So.; Washington Aircraft & Transport Corp., Boeing Field
Portland: A. W. Whitaker, P. O. Box 3820, 5001-15 N.E. Union Ave.; Flightcraft Inc., 6742 N.E. Marine Drive, Columbia Airport
Denver: Aircraft Radio & Accessory Co., Stapleton Airfield
Burbank: Qualitron Inc., 2945 Hollywood Way
Santa Monica: Santa Monica Aviation, Santa Monica Airport.

Cody: Rocky Mountain Air Service

Albuquerque: Cutter-Carr Flying Service, P.O. Box 274

LECTRO SPEED CO., 3025 S. W. First Ave., Portland 1, Ore.
(Automatic hot water heaters)
Factory service for Oregon and Southern Washington:
Los Angeles: E. W. Rogers, 1864 N. Commonwealth (for California)
For trailer water heaters:
Kennewick, Wash.: Keith Trailer Sales & Repair, P. O. Box 363
Eugene: Eugene Trailer Service
Seattle: A. & B. Trailer Repair, 10030 Marginal Way
Salem: Jayhawk Trailer Sales Co., 2640 Portland Road
San Leandro: West Coast Trailer Sales, 15201 E. 14th
Tacoma: Tacoma Trailer Repair, 94th & So. Tacoma Way

LEESON STEEL PRODUCTS INC., 666 No. Lake Shore Drive, Chicago 11, Ill.
(Presteline home appliances)
Agent:
San Francisco: The O. B. Wilt Co., 1355 Market St.

LEKTRO PRODUCTS INC., Milford, Conn.
(Packard shavers)
Service Stations:
Phoenix: 128 S. Central Ave.
Tucson: 307 E. Congress St.
Fresno: 1916 Fresno St.
Hollywood: 6636 Hollywood Blvd.
Long Beach: 288 E. 1st St.
Los Angeles: 711 S. Olive St. (14)
Oakland: 25 Grand St. (12)
Sacramento: 1107 J St.
San Diego: 426 C St.
San Francisco: 41 1st St.; 450 Geary St.
Denver: 1525 Arapahoe St. (2)
Portland: 525 S. W. Pine St. (4)
El Paso: 407 Texas St.
Salt Lake City: 47 W. S. Temple St.
Seattle: 1910 4th Ave. (1)
Spokane: W. 916 Riverside Ave. (2)
Tacoma: 1003 A St.
Boise: 609 Bannock St.

LEONARD REFRIGERATORS
(See Nash-Kelvinator)

LEWYT CORP., Vacuum Cleaner Division, 60 Broadway, Brooklyn 11, N. Y.
Distributors:
Denver: Western Appliance Co., 201 So. Cherokee
Salt Lake City: W. H. Bintz Co., 433 W. 3rd St.
El Paso: E. H. Krohn & Co., 113 E. Overland
Seattle: F. B. Connelly Co., 1015 Republican St.
Los Angeles: Sues, Young & Brown Inc., 3636 So. Bronson Ave.
Portland: F. B. Connelly Co. of Oregon, 905 N.W. 12th Ave.
Billings: Northwestern Auto Supply Co., 420 No. Broadway
Spokane: Inland Empire Wholesalers, 110 So. Wall St.
San Francisco: Frank Edwards Co. Inc., 382 6th St.

LIBERTY ELEC. CO., 1915 Madison Ave., Indianapolis, Ind.

LIGHTOLIER CO., Jersey City 5, N. J.

LIGHTING PRODUCTS INC., Highland Park, Ill.
Representatives:
Denver: Fred E. Staible & Sons, 2046 Arapahoe
Seattle: Wm. Proby, 442 Smith Tower (4)
Spokane: Carl Mann, 121 S. Madison
San Francisco: James Mundstock, 320 Market St.
Portland: E. A. Ryan, 4271 S. E. Stark (15)
Los Angeles: Carl Lertzman, 5455 Hollywood Blvd. (27)

LIGHTS, INC., 111 S. Fremont, Alhambra, Calif.

A. J. LINDEMANN & HOVERSON CO., 601 W. Cleveland Ave., Milwaukee 15, Wis.
(Lectro Host electric ranges, water heaters, refrigerators & home freezers)
Distributors:
San Francisco: Lavenson & Savasta, 586 6th St. (3)
Los Angeles: Harry L. Shane Inc., 160 W. 33rd St. (7)
Portland: Robert L. Rice & Co., 1238 N.W. Glisan St. (9)
Seattle: Robinson Distr. Corp., 3129 Western Ave. (1)
Spokane: Taylor Dist. Co., E. 206 Augusta Ave.
Salt Lake City: Z.C.M.I. Wholesale Furn. & Appl. Div., P. O. Box 1109 (10)
Denver: Hassco, Inc., 1745 Wazee St. (1)

LIONEL CORP., 15 E. 26th St., New York 10, N. Y.
(Factory: 28 Segar Place, Irvington 11, N. J.)
(Lionel elec. trains, Model R. R. equipment, construction kits, Trainmaster transformers)
Service Stations:
Phoenix: Lionel Train Hospital, 2915 N. 16th St.; Arizona Eastern R.R. Shop, 2002 N. 23rd St.
Tucson: Towsend's, 2751 N. Campbell Ave.
Alhambra, Calif.: W. L. Moore, 308 S. 2nd St.
Bakersfield: The Stamp & Coin Shop, 1414 20th St.
Carmel: Douglas Kay Inc., Toys & Sporting Goods, Lincoln Ave.
Fresno: Arthur's Toy Shop, 911-915 Broadway
Inglewood: The Hobby House, 610 E. Manchester Blvd.
Hollywood: Hollywood Hobby & Elec. Shop, 1522 Cahuenga Blvd.
Kingsburg: Olson Bros., 1530 Marion
Long Beach: Ray's Hobby Model Supply, 1222 American Ave.
Los Angeles: J. R. Metz, 1758 W. 21st St.; Troxel Bros., Models, 202 S. Western Ave., Colonel Bob's, 3707½-09 W. Pico Blvd.; Train Repairs, 5406¼ Lemon Grove
Marysville: Mac's Round House, 514 Eye St.
Oakland: Jack Collier's "Toys for Men," 3669 Grand Ave.; Lee's Train Service, 3980 Piedmont Ave.
Palo Alto: Palo Alto Sport Shop, 526-34 Waverly St.
Pasadena: Garstang's Trains & Toys, 87 E. Colorado St.
Rosemead: Toytown, 1512 Valley Blvd.
Sacramento: H. Cameron Jr., 609 Jay St.; H. K. Vance, Train Repairs, 2538 5th Ave.
San Diego: Frank "The Trainman," 4310 Park Blvd.
San Dimas: G. F. Harbin Co., 209 W. Bonita Ave.
San Francisco: Calif. Elec. Service Inc., 168 1st St. (5); Jack Collier's "Toys for Men," 693 14th St.
San Luis Obispo: The Engine House, 480 Pacific St.
Colorado Springs: Earl Udick Service, 115 N. Nevada Ave.
Denver: Fisher Hdwe. Co., 2322 E. Colfax Ave.; Dire's Repair Service, 1104 18th St.
Portland: Reginald Bowles—E. C. Flegel, 3804 N. Melrose Drive
Eugene: Magazine Exchange, 125 E. 11th
El Paso: Lowenberg Radio Service, 2511 E. Yandell Blvd.
Salt Lake City: Electronic Service & Supply Co., 115 E. Broadway
Ogden: P. G. Boam Co., rear 2326 Wash. Blvd., Box 1401
Seattle: Model Railroad Repair Service, 7001 29th N.E.; Model Engineering, 12240 Linden Ave.
Spokane: Spokane Cycle & Toy Co., 217-219 N. Post St.
Tacoma: Herzog Elec. & TV, 6305 Steilacoom Blvd. S. W.
Boise: Fred Stivers Model R.R. Shop, 1315 Hays St.
Butte: Phillips Repair Shop, 2226 Silver Bow St.
Reno: Builders & Farmers Hardware Co., 1274 So. Virginia St.
Albuquerque: Denton, 837 S. Kentucky
Richland, Wash.: Johnson & Reutlinger, 800 George Washington Way
Yakima, Wash.: Staves & Son, 802 S. Naches Ave.
San Mateo: Jack Smith, Toys & Bicycles, 1927 El Camino Real
Cheyenne: Barrett's Roundhouse, 1009 Converse

LITTLE GIANT INC.
(Laundry tray washers)
Parts and service:
Oakland: Electrical Appl. Service Co., 4238 Broadway
San Francisco: Elec'l. Appl. Service Co., 1434 Howard St.

LOVELL MANUFACTURING CO., Erie, Penn.
(Washing machine wringer rolls and repair work)
Distributors:
Denver: Ray Jones, 376 S. Broadway (9)
Los Angeles: Elec'l. Appl. Service, 726 W. Venice Blvd.
Portland: W. L. May Co., 215 N W. Park Ave.
Seattle: Appl. Parts & Serv. Co., 216 Stewart St.
San Francisco: Electric Appliance Service Corp., 1434 Howard St.
San Diego: Electric Appliance Service Corp., 302 17th St.
Boise: Karre Appliance Repair Shop, 1511 State St.
Salt Lake City: Apex Sales & Service, 171 E. Broadway
Denver: Geo. S. Conley, 731 15th St.

LUMIDOR CO. INC., 4801 E. 50th St., Los Angeles 58, Calif.

LUX CLOCK MFG. CO., Waterbury, Conn.
Factory service only.

LYON METAL PRODUCTS INC., Aurora, Ill.
Branch offices at:
Los Angeles: 3650 Union Pacific Ave. (23)
Portland, P.O. Box 3979.
Spokane: 814 Paulsen Bldg. (8)
Denver: 2144 Welton St. (6)
San Francisco: 607 Market St. (5)
Seattle: 1755 Utah Ave. (4)
Tucson: P.O. Box 5166

MACARTHUR PRODUCTS INC., Indian Orchard, Mass.
Factory nearest source supply.

MADE-RITE MFG. CO., 22 Elm St., Mansfield, Ohio.
(See Dominion Electric)

MAGNAVOX CO., Fort Wayne 4, Ind.
(Magnavox radio, phonograph and television)
Magavox dealers authorized to service Magnavox instruments

MAJESTIC ELECTRIC APPL. CO., 1058 Folsom St., San Francisco (3), Calif.

MAJESTIC RADIO & TELE., Div. Wilcox-Gay Corp., 70 Washington St., Brooklyn 1, N. Y.
Distributors:
Butte: Northwest Sales Supply Co., Box 368
Los Angeles: Pacific Telecoin Corp., 1776 S. Robertson Blvd.
Portland: F. B. Connelly Co. of Ore., 905 N.W. 12th Ave.; Premium Distributing Co., 1121 S.W. Washington St.
San Francisco: Pacific Telecoin Corp., 1337 Mission St.
Seattle: F. B. Connelly Co., 1015 Republican St.; Western Electronic Supply Co., 2609 First Ave.

MALLEABLE IRON FITTINGS CO. INC., Pole Hardware Div., Branford, Conn.
Representatives:
San Francisco: Waltham, DeWitt & Krusi, 632 Monadnock Bldg. (5)
Los Angeles: Industrial Eng. & Equipment Corp., 720 Subway Terminal Bldg. (13)
Portland: William J. Cottrell, 309 S. W. 3rd Ave. (4)

MANNING, BOWMAN & CO., Meriden, Conn.
Service Stations:
Denver: Midwest Elec. Co., 1124 Santa Fe Drive (4)
Los Angeles: K. E. Campbell, 316 E. 3rd St. (13)
San Diego: Zweiner Elec. Co., 1242 1st Ave.
San Francisco: Manning, Bowman Service Co., 657 Mission St.
Portland: Morrison Elec. Supply, 1206 S. W. Washington St. (5)
Seattle: Appl. Parts & Service, 216 Stewart St.

MARBRO LAMP, 1625 S. Los Angeles St., Los Angeles, Calif.

MARCO INDUSTRIES CO., 210 So. Clementine, Anaheim, Calif.
(Indicator lights and Amerflex conduit assemblies)
Factory service only.

MARION ELEC. APPL.
(See Rutenber Elec. Co.)

MARKEL ELEC. PRODUCTS INC., 145 Seneca St., Buffalo, N.Y.
(Heetaire electric heaters, lighting fixtures)
Service Stations:
Seattle: A Appliance Co., 610 E. Pine St. (22)
Portland: Morrison Electric Service Co., 5 S.W. Washington & 13th St.
Los Angeles: The State Appliance Service, 2224 W. 7th St. (5)
San Francisco: M. C. Ross, 190 Gough St. (2)

Spokane: Spokane Appl. Repair, S. 173 Wall St.
Sacramento: Lam-Co. Elec., 1415 21st St.
Phoenix: Reliable Wholesale, 83 N. 6th Ave.

MARLUN MFG. CO. INC., 22-28 W. 21st St., New York 10, N. Y.

MARQUETTE APPLIANCES INC., 307 E. Hennepin Ave., Minneapolis 14, Minn.
(Marquette refrigerators, home freezers, gas and electric ranges, washers, ironers, driers, gas and electric water heaters, water coolers)

MARTIN-PARRY CORP.
(See Rexair Div.)

MASTER APPLIANCE MFG. CO., 4th & Ontario St., Racine, Wis.
(Electric dryers, fans, portable hand tools)
Los Angeles: State Appl. Service, 2224 W. 7th St. (5)
San Francisco: Appliance Service Factors, 123 Steuart St.
Portland: Northwest Clipper & Shaver Service, 16 S.E. 28th Ave.

MASTER GRANDE WASHERS
(See Vidrio Products Co.)

MAYTAG CO., Newton, Iowa.
(Maytag washers, ironers, gas ranges)
Distributors and Branch Offices:
Portland: Maytag Northwest Co., 1156 N.W. Hoyt St. (9). (Wash., Ore., Idaho, Utah, western Nev.)
Los Angeles: Maytag West Coast Co., 1225 W. Ninth St. (15). (Calif., eastern Nev.)
Colorado Springs: Maytag Rocky Mt. Co. (Colo., Wyo., N.M., Ariz.)
Montana: The Maytag Co., 515 Washington Ave., N., Minneapolis, Minn.

McALLISTER-ROSS CORP., 135 S. La Salle St., Chicago 3, Ill.
(McAllister "bagless" vacuum cleaners)
Distributors:
Los Angeles: Kinney Bros., 200 North Ave. (18)
San Francisco: Schuyler-Wilson Co., 458 Merchandise Mart
Seattle: Poole Electric Co., 1116 4th Ave.
Portland: F. B. Connelly Co., 1233 N. W. 12th St. (9)
Spokane: Columbia Elec. & Mfg. Co., S. 123 Wall St.
Billings: Midland Implement Co.
Salt Lake City: Western Supply Co., 357 W. 2nd St. So.
Phoenix: Arizona Mercantile Co. (Household Appliance Division) Central at Jackson
Reno: Schuyler-Wilson Co., 458 Merchandise Mart

McGRAW ELECTRIC CO., Clark Div., 5201 W. 65th St., Chicago 38, Ill.
(Toastmaster and Scotch Knight water heaters)
Distributors:
Phoenix: Graybar Electric Co., 434 W. Madison St.
Long Beach: Graybar Electric Co., Inc., 1700 Daisy St.
Los Angeles: Graybar Electric Co., Inc., 210 Anderson St.
San Diego: Graybar Electric Co., Inc., 720 State St.
Portland: Electrical Distributing Inc., 140 N.W. 14th Ave. (9)
Denver: Hendrie & Bolthoff Co., 1635 17th St.
Salt Lake City: Jackson Distributing Co., 115 S. W. Temple St. (1)
Seattle: Seattle Hardware Co., 501 First Ave. So.
Helena: D. N. Latus & Co., 1531 National Ave.

McGRAW ELECTRIC CO., Toastmaster Products Division, Elgin, Ill.
(Toastmaster)
Service Stations:
Denver: E. S. Hawkins Elec'l Service, 716 18th St.: Midwest Elec. Service Co., 1124-26 Santa Fe Drive
Los Angeles: K. E. Campbell Electric, 316 E. 3rd St. (13)
Portland: Bressie Elec. Co., 909 S. W. 5th Ave. (4)
Salt Lake City: Appliance Service Center, 57 Richards St. (1)
San Diego: J. F. Zwiener Elec'l. Co., 1242 1st Ave.
San Francisco: Campbell Bros., 657 Mission St. (5)
Seattle: Appl. Parts & Service Co., 214 Stewart St. (1)
Spokane: Appl. Parts & Service Co., 609 W. Trent Ave. (8)

MEADOWS CORP., 1954 S. 54th Ave., Chicago, Ill.
(See Hurley Machine Div.)

MEIER ELECTRIC & MACHINE CO., INC., 3525 E. Washington St., Indianapolis 7, Ind.
(Meier Nu-air fan)
Factory service only.

MELL-O-CHIME AND SIGNAL CORP., 119 S. Jefferson St., Chicago 6, Ill
(chimes)
Repairs at plant.

MENASCO MFG. CO., 805 S. San Fernando Blvd., Burbank, Calif.
(Electro-mite portable washer)
Discontinued manufacturing of portable washer, but maintain service station.
Nat'l parts distributor: Washing Machine Parts Co., 1241 So. Hope St., Los Angeles 15.

MERIT-MADE INC., 17 Court St., Buffalo 2, N. Y.

METAL WARE CORP., Two Rivers, Wis.
(Empire and Empco domestic electric appliances)
Seattle: Elec'l. Engineering Co., 110 Marion St. (4).
Spokane: R. T. Carr Sales Co., 919 W. First Ave.
Portland: Morrison Elec. Service, S.W. Washington at 13th (5).
San Jose: Century Elec. Co., 18 E. San Antonio St.
San Diego: J. F. Zwiener Elec. Co., 1242 1st Ave.

MICAMOLD RADIO CORP., 1087 Flushing Ave., Brooklyn 6, N. Y.

MIDGET HEATER & SPECIALTY CO., 2801 Pacific Ave., Tacoma 2, Wash.
Factory service only.

MILLER CO., THE, Meriden, Conn.
(Lighting equipment)

MILO MFG. CO., 2255 Bush St., San Francisco, Calif.

MIRACLE ELECTRIC CO., 36 S. State St., Chicago 3, Ill.
(small electric appliances)
Service Stations now being established.

MODERN APPLIANCE CO., 111 S. Ellsworth, San Mateo, Calif.

MONARCH MFG. CO., 2014 N. Major Ave., Chicago, Ill.

MONITOR EQUIPMENT CORP., Riverdale-on-Hudson, New York 63, N. Y.
(Monitor home appliances)
Distributors: (handle service and repair parts in West)
Los Angeles: Monitor Eng. & Sales Co., 1909 So. Western Ave.
San Francisco: Kaemper & Barrett, 1850 Mission St.
Salt Lake City: Stewart Distr. Co., 505 So. 1st. W.
Butte: Monitor Home Appl. Inc., 604 Utah Ave.

MOTOR PRODUCTS CORP., Deepfreeze Div., 2301 Davis St., North Chicago, Ill.
(Deepfreeze industrial chilling equipment)
(See Deepfreeze)

MOTOROLA INC., 4545 Augusta Blvd., Chicago 51, Ill.
(Motorola Radio)
Distributors:
Denver: Boyd Distr. Co., 20 W. 13th Ave. (4)
Portland: Eoff Electric Co., 509 N. W. 10th St.
Billings: Taylor Dist. Co., P. O. Box 1116
San Francisco: W. J. Lancaster Co., 1045 Bryant St. (3)
Los Angeles: Kierulff and Co., 820 W. Olympic Blvd. (15)
Seattle: Zerega Dist. Co., 515 Westlake Ave N. (9)
Phoenix: Arizona Wholesale Supply Co., P. O. Box 2379
Salt Lake City: Salt Lake City Hdwe. Co., P. O. Box 510 (9)
Spokane: Taylor Dist. Co., P. O. Box 1077

MURLIN MANUFACTURING CO., 5420-34 Paschall Ave., Philadelphia 43, Penn.
(Marine lighting)
Sales Representatives
Seattle: E. A. Will, 534 First Ave. S. (4)
San Francisco: Electrical Industries, 1135 Harrison St. (3)
Los Angeles: Allied Industries, 412 Seatan St.

MURPHY MFG. CO., 7405 Stony Island Ave., Chicago 49, Ill.

MURRAY CORP. OF AMERICA, home appliance division, Scranton 2, Pa.
District Managers:
Long Beach: George D. Field, 5365 Abbeyfield St.
Menlo Park: F. S. Lodge, 1101 Noel No. 7
Seattle: Mark Batterby, 13727 Palatine Ave. (33)

NASH-KELVINATOR CORP., 14250 Plymouth Rd., Detroit 32, Mich.
(Kelvinator refrigerators, electric ranges, home freezers, com'l refrigerating equip., Leonard refrigerators, ranges, home freezers)
Seattle: Nash-Kelvinator Sales Corp., 2819 Elliott Ave. (1)
Portland: Nash-Kelvinator Sales Corp., 2133 N.W. York St.
Oakland: Nash-Kelvinator Sales Corp., 2325 E. 12th St. (1)
Los Angeles: Nash-Kelvinator Sales Corp., 2914 E. 46th.
Denver: Western Appl. Corp., 201 So. Cherokee (9)
Salt Lake City: Flint Distr. Co., 316 W. 2nd S. St.
Phoenix: Elec'l Equipment Co. of Ariz., 1st Ave. & Madison, P.O. Box 4185
Billings: Taylor Distributing Co., 4148 First Ave. S
El Paso: Car Parts Depot Inc., 712 Texas St.
Albuquerque: Charles Ilfeld Co., 200 N. 1st St.
Roswell, N. M.: Wilmot Hdwe. Co., 115 N. Main St.

NATIONAL ACOUSTIC PRODUCTS, 120 N. Green St., Chicago 7, Ill.
(amplifiers, electronics equip., toasters, record changers)
Factory service only.

NATIONAL APPLIANCE CO., 4814-18 W. Vernor Hwy., Detroit 9, Mich.
(Ventrola fans and ventilators)

NATIONAL DIE CASTING CO., Toughy Ave. at Lawndale, Chicago 45, Ill.

NATIONAL PRESSURE COOKER CO., Eau Claire, Wis.
(Presto fryer and iron)
Service Center:
Los Angeles: Century Metalcraft Corp., 6000 Avalon Blvd. (3)
Service Stations:
Denver: Midwest Elec. Service Co., 1124-1126 Santa Fe Drive (4)
Long Beach: Calif. Elec. Service, Inc., 1407 E. 4th St.
Los Angeles: Calif. Elec. Service, Inc., 832 S. Alvarado St. (5)
San Francisco: Calif. Elec. Service, Inc., 168 1st St.
Portland: Bressie Electric, 909 S. W. 5th Ave.
Seattle: A. Appliance Co., 610 E. E. Pine St. (22)

NATIONAL SPECIALTIES CO., Howell and Tyler St., Fort Wayne, Ind.

NATIONAL STAMPING & ELEC. WORKS, 3250 W. Lake St., Chicago 24, Ill.
Service Stations:
Los Angeles: Elec. Lighting & Supply Co., 216 W. 3rd St.
San Francisco: Byington Elec. Co., 1809 Fillmore St.
Butte: Radio Eng. & Serv., 219 W. Park St.
Eugene: C & S Electric, 1070 Williamette
Portland: Eureka Electric Co., 510 S.W. Salmon St.
Salt Lake City: Eureka Appliance Co., 177 E. Broadway
Seattle: Appl. Parts & Serv. Co., 214-216 Stewart St.
Spokane: Appl. Parts & Serv. Co., 609 W. Trent Ave.
Tacoma: Ajax Electric Co., 747 Fawcett Ave.
Phoenix: Dependable Radio & Elec. Co., 1635 W. Jefferson St.
Denver: West. Appl. & Elec. Co., 1159 Stout St.

NATIONAL STEEL CONSTRUCTION CO., 500 Myrtle St., Seattle 8, Wash.
(National and Columbia elec. water heaters)
Factory, jobbers and dealer service

NAXON UTILITIES CORP., 3600 Touhy Ave., Chicago 45, Ill.
(Naxon, Beanery, Vitamix Crock Cooker, Autogriddle, Lustro-griddle, portable elec. washers)
Service Stations:
Los Angeles: Elec'l. Appl. Service Corp., 726 W. Venice (18)
San Francisco: Elec'l. Appliance Service Corp., 236 Harriet St.
San Diego: Elec'l Appliance Service Corp., 302 17th St.

NESCO, INC., 201 N. Michigan Ave., Chicago, Ill.
(Nesco products)
Service Stations:
Seattle: J. M. Hooper Electric Co., 222 Marion St.
Portland: Bressie Elec. Co., 909 S. W. 5th St.
San Francisco: Will M. Aronson Co., 666 Howard St.: Electric Appliance Service Co., 1434 Howard St.
Long Beach: Gulbransen Appliance Service, 217 E. 4th St.
Los Angeles: Elec'l. Appl. Serv. Corp., 726 W. Venice Blvd.
San Diego: Electrical Appliance Service Corp., 302 17th St.
Denver: Midwest Elec. Service Co., 1124 Santa Fe Drive
Salt Lake City: Appliance Service Center, Inc., 57 Richards St.
El Paso: Wayne M. Tinkler Co., 813 Cedar St.
Spokane: Appliance Parts & Service, W. 609 Trent Ave.
Albuquerque: A.B.C. Radio Service, 512 No. 4th
Fresno: The Clock Shop, 1418 Fulton St.
Tacoma: Ajax Electric Co., 747 Fawcett Ave.
Sacramento: Lamco Electric Co., 1415 21st St.
Billings: Billings Electric Supply Co., 208 N. 30th St.
Butte: Radio Engineering & Service, 219 W. Park St.
Phoenix: Vinson-Carter Electric Co., 325 N. 4th St.

NEWARK APPLIANCE CORP. INC., 92 S. Sixth St., Newark, N. J.

NEW HOME SEWING MACHINES
(See Free Sewing Machine Co.)

NOMA ELEC. CORP., 55 West 13th St., New York City, N. Y.
(See Estate Stove Co., The, Division), Associated Mfgrs., Glo-Lite).
Pacific Coast headquarters: 2135 E. 7th Place, Los Angeles 21, Calif.; branch office: 60 Federal St., San Francisco, Calif.

NORGE DIVISION, Borg-Warner Corp., Sherman Blvd., **Plants** Muskegon Hts., Herrin, Ill., Effingham, Ill., Chatanooga, Tenn.
(electric refrig., ranges, washers, home freezers, home heaters, water heaters, refrigerator specialties)
Distributors and service:
Los Angeles: Leo J. Meyberg Co., 2027 S. Figueroa St. (7)
San Francisco: Leo J. Meyberg Co., 70 10th St. (1)
Portland: F. B. Connelly Co. of Oregon, 1233 N. W. 12th St. (9); W. G. Carey Co., 20 S. E. 8th Ave.
Seattle: F. B. Connelly Co., 1015 Republican St. (9); Pacific Utilities Co., 125 1st Ave. N.
Spokane: Columbia Elec. & Mfg. Co., S. 123 Wall St., P.O. Box 1441 (8)
Boise: Salt Lake Hdwe. Co., 401 S. 8th St.
Reno: Sierra Appl. Co., 106 Sierra St.
Albuquerque: Joe Heaston-McCallister Co., 325 N. 3rd St.
Silver City, N. M.: Home Furniture Co., 202 N. Bullard St.
Denver: Ray Jones Washing Machine Co., 376 So. Broadway; McCollum-Law Corp., E. 48th Ave. at Colorado Blvd.
Billings: Midland Implement Co. Inc., 2308 Montana Ave., P.O. Box 2118
Salt Lake City, Salt Lake Hdwe. Co., 105 N. 3rd St. (9)
Phoenix: Standard Equipment Co., 126 N. 1st St.

NORTH AMERICAN ELEC. LAMP Co., 1014 Tyler St., St. Louis 6, Mo.

NORTH AMERICAN PROD. CO. INC., Wayne, Mich.

NUTONE, INC., Madison & Redbank Rds.; Cincinnati 27, Ohio
(Electric and mechanical door chimes, transformers, push buttons, signal devices, kitchen ventilating fans, electric chiming clocks)
Representatives:
Los Angeles: Nutone, Inc., F. B. Marple, 919 E. 31st St. (11)
Seattle: Julian Wolf, 1029 Summit Ave. N. (2)
Denver: Lewis C. Brady, 488 So. Race St.
Pacific Palisades: James Paulin, 377 Los Casas

OASIS ELEC. WATER COOLER
(See Ebco Mfg. Co.)

OHIO ELECTRIC CO., 629 9th Ave., New York 19, N. Y.
(Ohio Tuec Sanitator, DeLuxe cylinder vacuum cleaners, Hendette & DeLuxe hand vacuum cleaners; also parts and repairs for Ohio models, 4, 5, 6 vacuum cleaners, Sweeper-Vac repair and parts)
Factory service only.

OLYMPIC RADIO & TELE. INC., 3401 38th Ave., Long Island City (1) N. Y.
Distributors:
Los Angeles: Radio Products Sales Co., 1501 S. Hill St.
Albuquerque: Paul O. Burk, 503 S. 2nd St.
Seattle: Radio Products Sales Co., 1214 1st St.

ONE MINUTE WASHER CO., Kellogg, Iowa
(One Minute washer)
Seattle: Appl. Parts & Service Co., 214 Stewart St. (1)
Portland: W. L. May Co., 122 S. W. 5th Ave. (4)
Los Angeles: Washing Mach. Parts Co., 1241 S. Hope St. (15)
Denver: Ray Jones Washing Mach. Parts Co., 376 S. Broadway (9)
Salt Lake City: Claude Dodge, 153 Broadway
San Francisco: Washing Mach. Parts Co., 1321 Mission St.
San Diego: Washing Mach. Parts Co., 1743 India St.

OPERADIO MFG. CO., St. Charles, Ill.

ORLEY BROS. CO., INC., 475 Schaefer at Oakwood, Detroit 25, Mich.
(Orley home freezer)
Factory service only.

OSTER MFG. CO., JOHN, 1 Main St., Racine, Wis.
Factory service:
Los Angeles: 237 E. 4th St.
San Francisco: 277 Eddy St.
Seattle: 2224 First Ave.

PACIFIC ELECTRICORD CO., 9304 Santa Monica Blvd., Beverly Hills, Calif.

PACKARD-BELL CO., 12333 W. Olympic Blvd., Los Angeles 64, **Calif.**
(Radios, television, Phonocords)
Distributors:
Seattle: Don Redmond, 2308 4th Ave.; Paul Swanson, 2310 4th Ave.
Tacoma: N. Earl Davison, 2340 Jefferson Ave. (2).
Spokane: Ollie Haack Dist. Co., E. 44 34th.
Billings: Central Dist. Co., P.O. Box 1551.
Portland: Packard-Bell Oregon Co., 413 Southwest 13th Ave.
Altadena: Frank E. Ware, 2085 N. Fair Oaks
South Gate: L. H. Lewis, Allen A. Stewart, 8640 State St.
Gardena: Jim Madden Co., 16402½ S. Vermont
Ventura: Cliff Russell, 1233 Poli St.
Santa Rosa: Gordon O. Leonard, P.O. Box 154.
San Jose: Casgro Co., 354 W. Santa Clara.
Sacramento: Robert E. Brady, 2418 30th St.
Oakland: Norris C. Teakle, A. R. Bell Co., F. Roy Chilton, 1009 Cypress St.
San Francisco: Paul E. Crowley, John E. Amberg, Wm. C. Miles, 1157 Post St. (3).
Fresno: Dick Schattinger, 120 N. Maple St.
North Hollywood: Ralph Kraus Co., 12437 Ventura Blvd.
Riverside: Louis Mahlman, 247 La Cadena Dr.
San Diego: James N. Baldry, L. J. Frinchaboy, 3069 El Cajon
Long Beach: W. S. Taylor, 2020 Pacific Ave.
Los Angeles: E. Garratt Arnold, Wm. Andrews, Chas. Bowen, Geo. C. Mills, Tom McDougall, Ed Aigner, H. H. Rhodes, 1115 So. Hope St.; E. M. Chapman, John Felker, Fred Stevens, 846 S. Robertson Blvd.
Phoenix: Fannin's Gas & Equip. Co., 1891 W. Roosevelt
Honolulu: Nylen Bros. & Co., Ltd., 820 So. Beretania St.
Salt Lake City: Mountain States Dist. Inc., 622 So. State St.
Factory service departments:
Seattle: Hal Tabor, 2310 4th Ave.
San Francisco: Carl Duffy, 1157 Post St.
Los Angeles: Thos. L. Stevens, 1101 So. Hope St.
San Diego: Dave Praschan, 3069 El Cajon.

PACKARD ELECTRIC SHAVER
(See Lektro Products)

PEERCO INC., Park Ridge, Ill.

PEERLESS BUILT-IN-FIXTURE CO., 2408 San Pablo Ave., Berkeley, Calif.

PEERLESS ELEC. CO., 740 West Market St., Warren, Ohio.
Factory supply:

PEERLITE MFG. & SUPPLY CO., 178 5th St., San Francisco, Calif.

PERFECTION STOVE CO., 1280 45th St., Oakland, Calif.

PHILCO CORP., Philadelphia 34, Penn.
(Philco refrigerators, radios, etc.)
Distributors:
Los Angeles: Gough Industries Inc., 819 E. 1st St.
Long Beach: Gough Industries Inc., 828 W. Anaheim
Santa Barbara: Gough Industries Inc., 404 State St.
San Diego: R. E. Harris, Inc., Corner Front & Ash Sts.
San Francisco: Dalco Appliance Co., 685 7th St.
Fresno: Devlin-Drew Co., P.O. Box 1326
Bakersfield: Devlin-Drew Co., Calif. & Oak St.
Sacramento: Dalco Appliance Co., 6th & Q St.
Reno: Osborne & Dermody, Inc., 253-255 Chestnut St.
Portland: Appl. Wholesalers of Oregon, 600 N. W. 14th Ave.
Seattle: Radio Television & Appl. Inc., 510 Westlake N.
Phoenix: Momsen-Dunnegan-Ryan Co., 11 E. Buchanan St.
Spokane: Inland Empire Wholesalers, 110 S. Wall St.
Salt Lake City: Strevell-Paterson Hdwe. Co., 126 S. W. Temple St.
Billings: Parker Montana Co., Box 1173
Denver: Walter Slagle & Co., 725 S. Broadway
Albuquerque: Momsen-Dunnegan-Ryan Co., 1501 N. 12th St.

PORTABLE ELECTRIC HEATER CO., 424 Benton St., Detroit 1, Mich.
(portable electric motor driven heater fans, housing fans, furnace booster fans)
Factory service only.

PORTABLE ELEVATOR MFG. CO., Refrig. Division, Bloomington, Ill.

PRECISION SPECIALTIES, 210 N. Western Ave., Los Angeles 4, Calif.

PREMIER VACUUM CLEANER Division, Appliance and Merchandise Dept., General Electric Co., 1285 Boston Ave., Bridgeport 2, Conn.
Premier vacuum cleaners, formerly Magic-Aire now discontinued)
(See General Electric Co.)

PRESTELINE HOME APPLIANCES. (See Leeson Steel Products, Inc.)

PREVORE ELEC. MFG. CORP., Fulton St. at Clinton Ave., Brooklyn 16, N. Y.
Factory service only.

PRIME MFG. CO., 1660 S. First St., Milwaukee, Wis.
Service Stations:
San Francisco: E. B. Cook Co., 1063 Howard St.
Portland: Cascade Supply Co., 208 S.E. Hawthorne Blvd.

PROCTOR ELECTRIC CO., 3rd St. and Hunting Park Ave., Philadelphia 40, Penn.
(Proctor automatic electrical appl.)
Phoenix: Vinson-Carter Elec. Co., 325 4th Ave.
Tucson: Grabe Electric Co., 26 E. Congress St.
Bakersfield, Calif.: Urner's Appl. Center, 212 21st St.
Fresno: L. F. Ballmor, 2430 Stanislaus
Long Beach: Dean & Hoffman, 221 American Ave.; Calif. Elec. Serv., 1407 E. 4th St.
Los Angeles: Elec'l. Appl. Service, 726 W. Venice Blvd.; Calif. Elec. Service Sta., 832 S. Alvarado
Oakland: Paul Morrison, 201 12th St. (12)
Sacramento: Lam-Co. Electric, 1415 21st St. (14)
San Bernardino: E. L. McAdams, 376 D St.
San Diego: J. F. Zwiener Elec. Co., 1242 1st Ave.; Elec'l Appl. Service Co., 302 17th.
San Francisco: (5); Elec'l Appl. Service Corp., 444 6th St.; Calif. Elec. Serv., 168 1st St.
Santa Barbara: Thorne Electric Co., 933 Anacapa
Stockton: The Electric Shop, 41 N. American St.
Colorado Springs: Modern Service Co., 10 & 12 E. Colorado Ave.
Billings: Billings Elec. Supply Co., 214 N. 30th St.
Butte: Radio Eng. & Service, 219 W. Park St.
El Paso: Wayne M. Tinkler & Co., 818 Cedar St.
Salt Lake City: Enos Elec. Co., 1173 S. 2nd St., W.
Seattle: Howell's Electric, 522 Union St.
Reno: Moltzen & Fitch Elec. Co., 275 S. Virginia St.
Eugene: C & S Elec. Co., 1070 Williamette St.
Klameth Falls: Leach Service Co., 123 S. 6th St.
Medford: Trowbridge & Flynn Elec. Co., 214 W. Main St.
Portland: Bressie Elec. Co., 909 S. W. 5th Ave.
Spokane: Spokane Appl. Repair, S. 173 Wall St.
Tacoma: Ajax Elec. Co., 747 Fawcett Ave.
San Jose: D. & S. Repair Service, 402 W. Santa Clara St.

PRYNE & CO. INC., 140 N. Towne Ave., Pomona, Calif.

RADIA HEATER & FANS
(See Shepler Mfg. Co.)

RADIANT LAMP CORP., 300 Jelliff Ave., Newark 8, N. J.
Western Office:
2665 Hollyridge Drive, Hollywood, Calif.

RADIO CORP. OF AMERICA:
RCA Victor Div., Camden, N. J.
(Radio, television, tubes, records, electronics, Victrolas)
Service Stations:
Fresno: Jack C. Arbuckle, 1427 Broadway
Portland: Bargelt Supply, 1131 S. W. Washington (5); Harper-Meggee Inc., N. W. 15th & Irving St. (9)
Manhattan, Mont.: Camp Bell Films
Santa Barbara: Channel Radio Supply Co., 434 State St.
Boise: Craddock's Radio Supply, 1522 State St.
Pasadena: Dow Radio Supply Co., 1759 E. Colorado St.
Stockton: Carter W. Dunlap Wholesale Radio Co., 31 S. Aurora St.
Salt Lake City: Glenn Earl Inc., 157 W. 2d S.; Standard Supply Co., 531 S. State St.
Seattle: Harper-Meggee Inc., 960 Republican St. (9); Radio Prod. Sales Co., 1214 1st Ave.; Herb E. Zobrist Co., 2125 Westlake Ave. (1)
Spokane: Harper-Meggee Inc., 734 Division St. (8); Herb E. Zobrist Co., 121 S. Monroe St.
Hollywood: Hollywood Radio Supply Inc., 5521 Hollywood Blvd. (28)
Sacramento: E. M. Kemp Co., 1115 R St.; Sacramento Elec. Supply Co., 711 Capitol Ave. (14)
Los Angeles: Leo J. Meyberg Co., 2027 S. Figueroa St. (7); Radio Equip. Distr., 709 S. Main St.; Radio Specialties Co., 1956 S. Figueroa St. (7); Radio Television Supply Co. Inc., 1509 S. Figueroa St. (15); Shelley Radio Co., 2008 Westwood Blvd. (25); Universal Radio Supply Co., 1404 Venice Blvd.; United Radio Supply Co., 1356 S. Flower St.

San Francisco: Leo J. Meyberg Co., 70 10th St. (1); San Francisco Radio Supply Co., 1284 Market St.; Wholesale Radio & Elec. Supply Co., 140 9th St.; Zack Radio Supply Co., 1426 Market St.
Las Vegas: Nevada Radio Supply Co., 1400 S. Main St.
Billings: Northwestern Auto Supply Co., 420 N. Broadway
San Jose: Frank Quement, 156 W. San Fernando St.
Phoenix: Radio Parts of Arizona, 36 W. Madison St.
Santa Ana: Radio & Television Equip. Co., 207 Oak St.
Bakersfield: Valley Radio Supply, 716 Baker St.
Oakland: E. C. Wenger Co., 1450 Harrison St.
San Diego: Western Radio & Elec. Co., 1415 India St. (1)
Television:
Los Angeles: RCA Service Co., 1037 No. Orange Dr.

RAINIER ELECTRIC OVEN & ENG. CORP., 1419 Jackson St., Seattle 44, Wash.
(Electric, gas and oil ovens)
Factory service.

RAVENNA METAL PRODUCTS CORP., 6518 Ravenna Ave., Seattle 5, Wash.
(Electro Jet heating systems and Electro panels)
Service Stations:
Seattle: Bean Elec. Co., 1014 1st Ave. S.
Spokane: Lumberman's Supply Corp., E. 3002 Mission Ave.
Portland: Elec'l Distr. Inc., 525 N. W. 10th Ave.

RAY LITE GLASS CO., 3172 Santa Ana St., South Gate, Calif.

RECO FOOD MIXERS (See Reynolds Elec. Co.)

RECORD-O-VOX INC., 825 W. Pico Blvd., Los Angeles 15, Calif.

RECORDIO, RECORDIA, RECORDIO POINTS (See Wilcox-Gay Corp.)

RED SEAL APPLIANCE CO. (See Samson United Corp.)

RED SPOT ELEC. CO., 7405 S. Tacoma Way, Tacoma 9, Wash.

REGINA CORP., Rahway, N. J.
(Floor polishers)
Representative:
Los Angeles: J. A. Scharfe, 520 W. 7th St. (14)

RELIANCE AUTOMATIC LIGHTING CO., 1927 Mead St., Racine, Wis.

REMINGTON RAND INC., Electric Shaver Division, 60 S. Main St., Bridgeport 2, Conn.
(Remington Rand shaver)
Remington Rand service stations:
San Francisco: 41 First St.
Oakland: 2035 Franklin St.
Fresno: 1242 Van Ness Ave.
Sacramento: 1107 J St.
Los Angeles: 711 S. Olive St.
Hollywood: 1656 N. Cherokee Ave.
San Diego: 926 C St.
Long Beach: 238 E. First St. (2)
San Jose: 389 W. Santa Clara Ave.
Eugene: 881 Olive St.
Portland: 525 S.W. Pine St.
Seattle: 1910 Fourth Ave.
Tacoma: 1003 A St.
Spokane: N. 106 Monroe St.
Boise: 609 Bannock St.
Salt Lake City: 177 E. 2nd St.
Tucson: 191 E. Broadway (Agt.)
Phoenix: 128 S. Central Ave. (Agt.)
Albuquerque: 1000 N. 2nd St.
Denver: 620 W. Colfax Ave.
Butte: 64 E. Broadway.
Ogden: 241 24th St.

REMLER CO. LTD., 2101 Bryant St., San Francisco (10), Calif.

REVELATION CO., Div. of Interstate, 2250 E. Imperial Highway, El Segundo, Calif.

REVERE CLOCK CO., McMillan and Dover, Cincinnati, Ohio.
(Mantel chime clocks, tubular chiming floor clocks)
Service Stations:
Sacramento: Lam-Co Electric Co., 1415 21st St.
San Francisco: Wm. Herbst & Co., 209 Post at Grant
Los Angeles: Calif. Clockmakers Guild, 7975½ Melrose.
San Diego: The Clock Shop, 518 Granger Bldg.
Portland: O. B. Swearingen, 316 Panama Bldg.
Seattle: Clock Shop, 325 Green Bldg.
Salt Lake City: Time & Instrument Co., 57 Richards St.
Phoenix: Smith's Clock Shop, 1512 N. 7th Ave.
Denver: Midwest Electric Service Co., 1124-26 Santa Fe Drive; Mint Radio Service, 339 13th St.
Fresno: The Clock Shop, 1910 Tuolumne St.
Spokane: Moon's Clock Service, 410 Mohawk Bldg.

REXAIR DIVISION, MARTIN-PARRY CORP., P.O. Box 964, Toledo, Ohio
(Rexair cleaner and conditioner)
All Rexair branch offices handle service

REYNOLDS ELECTRIC CO., 3000 River Rd., River Grove, Ill.
(Reco food mixers, vegetable peelers, choppers, slicers, air circulators)
Factory service only.

RITTENHOUSE CO. INC., THE, Honeoye Falls, N. Y.
(Electric door chimes, transformers)
Service Stations:
Los Angeles: State Appliance Service, 2224 W. 7th St. (5)
San Francisco: P. & D. Appliance, 1414 34th Ave. (22)

RIVAL MFG. CO. (See Waverly Products, Inc.)

ROBERTS & MANDER CORP., 237 Jacksonville Rd., Hatboro, Pa.
(Quality gas and electric ranges, steel kitchen cabinets and sinks)
Representatives:
San Francisco: F. S. Lodge, 1355 Market St. (3)
Los Angeles: M. F. Boss, 2011 E. 25th St. (11)

ROPER, GEO. D., CORP., Rockford, Ill.

ROTAREX (See Apex Elec. Mfg. Co.)

ROTISS-O-MAT CORP., Steinway St., Astoria 5, N. Y.

ROYAL VACUUM CLEANER CO., 540 E. 105th St., Cleveland, Ohio. (Royal Vacuum cleaners).

ROZETT, I. R. and ASSOCIATES, 1405A Merchandise Mart, Chicago 54, Ill.

RUSTIC CRAFTS CO., INC., 29 Humphrey St., Englewood, N. J.
Representative:
San Francisco: A. C. Maryon Co., Market at 10th St.
Billings: P. P. Sparling, 204 Ave. F.

RUTENBER ELECTRIC CO., Marion, Ind.
(Marion household servants, elec. heating & cooking appl., elec. ranges)
Distributors:
Portland: Foreman Distributing Co. of Portland, 110 S. E. Alder St.
Seattle: Globe Elec. Co., 307 1st Ave. S.
Spokane: Electric Center, W. 508 2nd Ave.
Salt Lake City: Western Supply Co., 357 W. 2d St.; W. E.
Los Angeles: Ironers Inc., 121 So. Alameda (12)

RUUD MFG. CO., 2934 Smallman, Pittsburgh (1), Pa.; 3320 Leonis Blvd., Los Angeles 11, Calif.
Distributors:
San Francisco: H. R. Basford Co., 235 15th St.
Portland: Alvin R. Bravender, 125 N. W. 5th St. (9)
Kansas City: Elmer W. Cone Co., 609 E. 11th St. (6) (for Utah, Colo., Wyo.)

SAFE-FLEX (See Samson United Corp.)

SAFETY ELEC. CO., 53 W. Jackson Blvd., Chicago 4, Ill.

ST. CLAIR ELEC. PROD. CO., P.O. Box 60, St. Clair, Mich.

SAMSON UNITED CORP., — Red Seal Appl. Corp., 1700 University Ave., Rochester 10, N. Y.
(Samson, Red Seal, Safe-Flex)
Service Stations:
Denver: Midwest Elec. Wiring Co., 1124-26 Santa Fe Drive
Salt Lake City: Time & Instrument Co., 57 Richards St.
Los Angeles. Authorized Parts & Service Co., 1432 W. Pico Blvd., (15).
San Diego: Elec'l. Appl. Service Corp., 302 17th St.
San Francisco: P & D Appliance, 1414 34th Ave.
Seattle: J. M. Hooper Elec. Co., 222 Marion St.
Portland: Bressie Elec. Co., 909 S. W. 5th.

SAVAGE ARMS CORP., Utica, N. Y.
Service Stations:
Denver: Ray Jones Washing Machine Parts & Repair Co. (9)

SAVE ELEC. CORP., 615 Front St., Toledo 5, Ohio.

SCHICK SERVICE INC., 45 Garden St., Stamford, Conn.
Service Stations:
Los Angeles: 443 S. Spring St. (13)
Oakland: 204-205 Broadway Bldg., 1419 Broadway (12)
San Francisco: 787 Monadnock Bldg. (5)
Portland: 1134 American Bank Bldg., 621 S. W. Morrison St. (5)
Seattle: 328 Republic Bldg., 3rd & Pike St., (1).
San Diego: 534 Bank of America Bldg., 625 Broadway.
Denver: 220-222 Commonwealth Bldg., 728 15th St. (2)
San Diego: 534 Bank of America Bldg., 625 Broadway

SCOTT & FETZER CO., W. 114th and Locust Ave., Cleveland 2, Ohio
(Kirby home renovation system)
District office: Westerners, Inc., 201 Medical Arts Bldg., Vancouver, Wash. Henry Reznichek, president.
Branch office: Westerners, Inc., 420 N. Broadway, Portland 12, Ore. Henry Reznichek, president.
Parts office: Kirby Parts Corp., 420 N. Broadway, Portland 12, Ore.
Distributors:
Seattle: Kirby Co. of Seattle, 1021 Stewart St.
Spokane: Kirby Co. of Spokane, 3128 E. Sprague.
Tacoma: Kirby Co. of Tacoma, 3521 6th Ave.
Salt Lake City: Towler Distr. Co., 1628 S. 3rd E. St.
Idaho Falls: Kirby Co. of E. Idaho, 240 S. Water Ave.
Great Falls: Kirby Vacuum Cleaner Co., P. O. Box 1484.
Portland: Kirby Co., 2702 N. E. Broadway (12)
Cheyenne: Kirby Co. of E. Wyoming, 4097 Warren Ave.

SCOVILL MFG. CO. (See Hamilton Beach Co.)

SEEGER REFRIGERATION CO., St. Paul 6, Minn.; Evansville 7, Ind.
Contract producers of Nat'l. brands including Coldspot Electric refrigerator.
(Coldspot Electric Refrigerator)
Serviced through Sears, Roebuck & Co. stores exclusively

SENTINEL RADIO CORP., Evanston, Ill.
(Sentinel radios and television sets)
Distributors:
Los Angeles: E. J. Jordan & Co., 117 N. Robertson
San Francisco: Steinau-Glaser Co., 324 Mission St.
Denver: Interstate Radio & Supply Co., 1639 Tremont Place; Hassco Inc., 1745-61 Wazee St.
Portland: F. B. Connelly Co. of Oregon, 905 N. W. 12th St.
Seattle: Washington Distributors, 115-117 Madison St. (4)
Pocatello: Billmeyer's, 240 S. Arthur St.
Billings: Montana Elec. Supply Co., P.O. Box 1323.
Albuquerque: J. Korber & Co., Dept. No. 2

SERVEL INC., Evansville, Ind., electric refrigerator division.
Branch office: 431 Colyton St., Los Angeles 13, Calif.—Carl L. Olin, Western States manufacturer's agent.
Parts distributors:
Seattle: Refrigeration Eng. Corp., 2120 2nd Ave. (1)
Spokane: E. S. Matthews, 151 So. Post St.
Denver: Robbins Fixture Co., 937 Santa Fe Drive.
Salt Lake City: Commercial Dist. Co., 25 S. 3rd St.
San Bernardino: Valley Refrigeration Supply Co.
San Francisco: Marine Elec. Co., 195 Fremont St.
Sacramento: (sub - distributor) Bigler & Trumbull Co.
Fresno: (sub-distributor) Conditioned Air & Refrig. Co.
Reno: (sub. distributor) Gardner Refrig. Supply Co.
Los Angeles: Utility Refrig. Dist., 4621 W. Washington.
San Diego: Mack's Refrig. Co., 4206 Fairmont Blvd.
Phoenix: Arizona Refrig. Supplies, 231 S. Central Ave.
El Paso: M & M Refrigeration & Electric Supply Co., 402 Montana St.
Albuquerque: Harmon Corp., 2220 N. First St.
Glasgow, Mont.: Stuart Refrig. Sales, 341 4th St. So.

SHEPLER MFG. CO., 1312 Sheffield St., 33, Pittsburgh, Pa.
(Radia heaters and fans)
Los Angeles: Elec. Lighting Supply Co., 216 W. 3rd St. (13).
Factory service for parts.

SIGHT LIGHT CORP., Deep River, Conn.

SIGNAL ELECTRIC MFG. CO., Menominee, Mich.
(Electric fans, pedestal fans, electric drills)
Factory service only.

SILENT SIOUX OIL BURNER CORP., Orange City, Iowa.

SILEX CO., Hartford 2, Conn.
(Silex coffeemaking equipment, steam irons)
Service Stations:
Seattle: Appliance Parts & Service Co., 216 Stewart St.
Spokane: Appliance Parts & Service Co., 609 W. Trent Ave.
Denver: Midwest Elec. Service Co., 1126 Santa Fe Drive.
Los Angeles: Calif. Elec. Co. 832 S. Alvarado St.
San Diego: J. F. Zwiener, 1242 First Ave.
San Francisco: Calif. Elec. Service Inc., 168 First St.
Portland: Morrison Elec. Co., 1206 S. W. Washington (5)
Salt Lake City: Enos Elec. Co., 1173 S. 2nd W.

SIMPLEX IRONER (See Speed Queen Corp., ironer division)

SINGER SEWING MACHINE CO., 149 Broadway, New York, N.Y.
Singer Household Iron Serviced and repaired by any local Singer Sewing Center.

SMITH, A. O. CORP., 3533 N. 27th St., Milwaukee 1, Wis.

SMITHway Products
West Coast branch: 1635 N. Spring St., Los Angeles, Calif.
Southwest branch: 2820 Canton Rd., Dallas, Texas
Central branch and Central Service Div. Headquarters: 3812 Chicago Ave., Chicago (Serves Mexico and Colorado)

SMITHway water heater distributors:
Phoenix: Arizona Hardware Co., First and Jackson St.
Sacramento: Dalco Appliance Co., 6th and Que St.
San Francisco: Dalco Appliance Co., 7th and Townsend St.
Denver: Peerless Colorado Co., 785 So. Broadway; Appliance Distributors, Inc., 211 Wazee St.
Great Falls: Great Falls Paper Co., P. O. Drawer 271
Roswell, N. M.: Sacra Bros. Co., Box 1294
Cheyenne: Ranchers Gas & Supply Co., 23rd & Dillion Sts.
Worland, Wyo.: Pure Gas Service Co.
Los Angeles: A. O. Smith Corp., 1637 N. Spring St.
Billings: Geo. Steele & Co., 2006 1st Ave.
Butte: Geo. Steele & Co., 126 W. Broadway.
Salt Lake City: Walter B. Lloyd Co., 51 S. 2nd St., W.
Seattle: Love Electric Co., 318 Westlake North
Wenatchee: Wells & Wade Co., Box 460.
Portland: Lou Johnson Co., Inc., 422 N.W. 8th St.
Spokane: Prudential Distributors, Inc., 131 Stevens

SMITHway Motor Service Stations:
Anchorage, Alaska: Alaska Elec. Equipment Co., Box 42
Phoenix: DeBerge & Babcock Elec., 550 W. Washington St.
Tempe: Tempe Appl. & Elec. Co., 396-397 Mill Ave.
Tucson: Miller Motor Rewinding Shop, 2701 E. Seneca
Yuma: Hongeward Elec. Co., 8th St. & 8th Ave.
Bakersfield: Industrial Elec. Motor Service, 418 Baker St.
El Centro: Joe Bush Elec. Co., 1300 Imperial Ave.
Eureka: Senn Electric, 1801 Fairfield
Fresno: Electric Motor Shop, 1926 Kern St.
Manteca: G. F. Reibin, 213 W. Yosemite Ave.
Marysville: Kinney Electric, 700 4th St.
Oakland: Scott-Buttner Elec. Co., 896 22nd St.
Redding: Redding Industrial Elec., Highway 99 South
N. Sacramento: Stone Elec. Motor Service, 1442 Del Paso Blvd.
Salinas: Quality Elec. Co., P.O. Box 1428, 211 E. Market St.
San Diego: Calif. Elec. Works, 424 8th Ave.
San Jose: Roy M. Butcher, 510 W. San Fernando St. (10)
San Francisco: City Electric Co., 84 Shotwell St.
Stockton: Albert Celli, 1630 N. Wilson St.
Tracy: Hart Electric Shop, 243 E. Highland
Tulare: Turnupseed Elec. Service Inc., 340 E. Inyo St.
Visalia: Langdon Elec. Shop, 410 E. Main St.
Colorado Springs: Kistler Elec. Co., 13 S. Cascade Ave.
Denver: Baker Elec. Co., 1842 Lawrence St.; Conn Elec. Service, 1651 Black St.
Fort Collins: J. A. Lawrence Elec. Mtrs., 241 Pine St.
Grand Junction: Williams Elec. Motor Service, 721 S. 7th St.
Lamar: Sutphin's Elec. Motor Works, 501 N. 5th.
Pueblo: Johnson Elec. Co., 324 S. Union
Boise: Missman Elec. Co., 2304 N. 26th St.
Idaho Falls: Rossiter Elec. Works
Pocatello: C-L Elec. Co., 410 S. Main St.
Twin Falls: Electric Service Co., 364 2nd Ave., E.
Billings: Lockrem Elec. Co., 1710 1st Ave., N.
Butte: Johnston Battery Station, 119 S. Montana St.
Great Falls: Electric Motor Service Co., 109 2nd St., S.
Helena: Houston Elec. Co.
Missoula: Industrial Elec. Co., 123 W. Alder St.
Reno: Brown, Milbery, Inc., 322 Sierra St.
Albuquerque: Electric Motor Co., 1801 E. Campus Blvd.
Eugene: Keith's Elec. Motor Service, 678 Olive St.
Medford: Gage Elec. Motor Service, Inc., 112 N. Front St.
Portland: L. A. Walker Elec. Works, 206 N.W. 10th Ave.
Roseburg: Al's Elec. Motor Shop, P.O. Box 642
Salt Lake City: Electric Motor & Supply Co., 351 W. 4th St.
Seattle: Electric Motors, Inc., 1526 1st Ave., S.
Spokane: Nixon-Kimmel Co., 167 So. Wall St. (8)
Walla Walla: Berry Elec. Co., 103 3rd Ave., S.
Wenatchee: Electric Motor Service, 325 S. Wenatchee Ave.
Yakima: Cooper Elec. Motor Service, 205 S. 4th Ave.
Casper: Electric Service Co.
Cheyenne: Electric Motor Co., 1710 O'Neil

SMITH, F. A. MFG. CO. INC., (See FASCO Industries Inc.)

SON-CHIEF ELECTRICS INC., Winsted, Conn.
(Son-Chief and Magic Maid appliances)
Los Angeles: Calif. Elec. Service Station, 932 S. Alvarado St.
Seattle: J. M. Hooper Elec. Co., 222 Marion St.
Portland: Morrison Elec. Co., S. W. Washington at 13th.
San Francisco: P. & D. Appliance, 1414-34th Ave.
Denver: Midwest Elec. Service Co., 1124-26 Santa Fe Drive.
Amarillo: Panhandle Appl. Service, 407 N. Fillmore.

SOUTHERN HEATER CO., P.O. Box 629, Compton, Calif.

SPARTON RADIO-TELEVISION (Div. of the Sparks-Withington Co.) Jackson, Mich.

SPEED QUEEN CORP., Ironer division, Algonquin, Ill.—Formerly Barlow & Seelig Mfg. Co.
(Simplex ironers)
Service stations:
Los Angeles: Leo J. Meyberg, 2027 S. Figueroa St. (7); Elec. Appl. Service, 726 W. Venice Blvd. (15); Washing Machine Parts Co., 1241 S. Hope St. (15).
San Francisco: Leo J. Meyberg, 33 Gough St.; Washing Machine Parts Co., 1375 Mission St.
San Diego: Washing Machine Parts Co., 1743 India St. (1)
Portland: W. L. May Co., 215 N. W. Park Ave. (9); Lou Johnson Co., 422 N. W. 8th Ave. (9)
Seattle: Appl. Parts & Service, 214 Stewart St. (1)
Spokane: Taylor Distributing Co., E. 206 August
Salt Lake City: Salt Lake Hardware Co., 105 N. 3rd St. (9)
Denver: McCollum-Law Corp., E. 48th Ave. at Colorado Blvd.; Morey Mercantile Co., P. O. Box 5150, Terminal Annex
Billings: Taylor Dist. Co., 2716 Montana Ave.

SPEED QUEEN CORP., Ripon, Wis.—Formerly Barlow & Selig Mfg. Co. *(Speed Queen Washers, Ironers and Dryers)*
Los Angeles: Electrical Appl. Service Corp., 726 W. Venice Blvd. (15); Sues-Young & Brown Co., 1509 S. Figueroa St.; Washing Machine Parts Co., 1241 S. Hope St. (15); Gough Industries Inc., Box 2768 Terminal Annex.
Sacramento: Dalco Appl. Co., 6th & Que Sts.; Al Bedard's Parts Supply, 1626 N. C St. (15)
San Diego: Gough Industries Inc., 3255 5th Avee.; Washing Machine Parts Co., 1743 India St. (1); Electrical Appl. Service Corp.
San Francisco: Electrical Appl. Service Corp., 236 Harriet St. (3); Washing Machine Parts Co., 1375 Mission St. (3); Dalco Appliance Co., 7th & Townsend Sts.
Portland: Harper-Meggee Inc., N. W. 15th at Irving; W. L. May Co., 215 N. W. Park Ave.
Seattle: Appliance Parts & Service Co., 216 Stewart St. (1); Harper-Meggee Inc., 960 Republican
Spokane: Harper-Meggee Inc., N. 734 Division St.; Appliance Parts & Service Co., 609 W. Trent Ave. (8)
Ogden: Geo. A. Lowe Co.
Denver: Morey Mercantile Co., Box 5150, Terminal Annex (17) Ray Jones Washing Machine & Repair Parts Co., 376 So. Broadway (9)
Boise: Afton Lemp Electric Co., 415 So. 9th St.
Long Beach: Home Service Co., 2100 E. 4th St. (14)

SPEEDWAY INC., 1834 So. 52nd Ave., Cicero, Ill.
Parts distributor:
Oakland: United Automotive Service, 1238 9th Ave.
Los Angeles: Fred G. Littlejohn, 2363 E. 38th St.

SPERTI FARADAY INC., Adrian, Mich.
(Plugmaster, bells, buzzers, horns, chimes, paging and signaling devices and systems for hospitals, schools, retail stores, industry)
Western Representatives:
San Francisco: Chas. A. Meier, 1473 Harrison St.
Los Angeles: P. W. Cook, 912 E. 3rd St.
Salt Lake City: Leonard Slusser, 318 Dooly Bldg.
Denver: Glenn B. Gaer, 107 E. Colfax
Phoenix: Wm. Benndorf, 548 W. Jackson
Seattle: W. W. Wheat & Assoc., 50 First Ave. So.

SPRINGACTO IRON CORDS (See Waage Mfg. Co.)

STANDARD ELECTRIC TIME CO., THE, 89 Logan, Springfield, Mass.

STAR MFG. CO. Div. of Hercules Steel Products Corp., 6300 St. Louis Ave., St. Louis 20, Mo.
(electric appliances)
Parts available through dealers and the following service stations:
San Francisco: P & D Appl. Co., 1414 34th Ave.
Los Angeles: Sterling Service Co., 950 Flower St. (15)
Portland: Bressie Elec. Co., 909 So. 5th St.

STEAM ELEC. MFG. CO., 3456 S. Grand Ave., St. Louis 18, Mo.

STEAM-O-MATIC, Waverly Products, Inc., 2200 Oak St., Kansas City, Mo. (See Waverley Products, Inc.)

STEIGER & KERR STOVE FOUNDRY CO., Irvington, Calif.

STERLING APPLIANCES (See Chicago Electric Mfg. Co.)

STERN-BROWN INC., 42-24 Orchard St., Long Island City, N. Y.
(Superstar small appliances)
San Francisco: Electrical Appliance Service Corp., 1434 Harriet St.
Los Angeles: Elec. Ltg. Supply Co., 216 W. 3rd St. (13)
Portland: Arrow Elec. Co., 833 S.W. Front Ave. (14)

STERRO WASHERS (See Vidrio Products Co.)

STEWART - WARNER ELECTRIC, Div. Stewart-Warner Corp., 1826 Diversey Parkway, Chicago 14, Ill.
(See Admiral Corp. for service facilities and parts for Stewart-Warner refrigerators and electric ranges.
(Radios, phonographs, television)
Service Stations:
(For television and radios)
Phoenix: Grand Ave. Radio Co., 743 Grand Ave.
Long Beach: Advanced Radio & TV, 1827 Santa Fe Ave. (10)
Los Angeles: Los Angeles Radio & Sound Maintenance, 3304 W. Washington St.; Ionic Equipment Co., 1705 No. Kenmore; Bob Jackson Radio Co., 5177 W. Pico Blvd.; Henning Television & Radio, 1523 Riverside Drive; Nadal's Radio Service, 6114 Crenshaw Blvd.; Radio & Electronic Maint. Co., 509 S. Indiana St.
San Bernardino: Wagoner's Radio & Television Service, 108 E St.; Mac & Ted's Appl., 4137 F St.; H. G. Montgomery, 307 Baseline; Tom's Radio & Television, 816 E. Baseline; Deardorff's Radio & TV, 277 E. Baseline; Clark's Radio & Television, 840 E. Baseline
Corona: Buchanan's, 420 Main St.; Legion Radio & TV Service, 3771 S. Ellis St.
Oakland: Duffey's Radio Service Center, 1129 Clay St. (7); Winsby Fleming Radio Service, 2573 94th Ave.
Oxnard: Hoff & Syvertsen, 308 So. Fifth St.
San Diego: FM & Television Laboratory, 621 4th Ave. (1); Vavra Radio Service, 4290 41st St.; Western Communications Co., 1620 W. Lewis St.; Zenda Radio & Elec. Co., 3020 Midway Drive
San Francisco: Service Radio Wholesale, 1411 Post St.; Sherman Clay & Co., Kearney & Sutter Sts.
San Jose: Ash Radio Service, 389 So. 3rd St.
Santa Rosa: Saare Radio & Appliance Shop, 412 Mendocino Ave.
Stockton: Valley Radio & Appliances, 644 E. Miner
Vallejo: Radant's Radio Service, 227 Springs Road
Palo Alto: Timms, 435 University Ave.
North Sacramento: Capitol Radio Service, 2431 Del Paso Blvd.
Temple City: Temple Radio, 2241 Las Tumas Drive.
Santa Ana: Menzie-Tele-Sound, 108 Cypress; Kohlenberger Radio Sales & Service, 115 E. 2nd St.
Pomona: Joe's Radio Service, 524 W. 5th Ave.
Norwalk: Jason Elec. Radio & Television, 11915 E. Firestone Blvd.
Inglewood: T. J. Hecht, 1061 E. Hyde Park Blvd.
Glendale: Smith's Radio & Television Service, 414 N. Glendale Ave.
Chino: Chino Radio Service, 413 So. 6th St.
Bell: Ra-Tel Eng. Co., 4321 E. Gage Ave.
Alhambra: Kinney Appl., 2727 W. Valley Blvd.
Denver: Austin & Son, 1819 Wazee St.
Butte: Treasure State Gas & Electric Co., 827 Montana St.
Great Falls: Treasure State Gas & Electric Co., 15th St. N. and Smelter Road
Reno: Dist. Associates, Div. of Bender Warehouse Co., P. O. Box 1108
Albuquerque: Elec. Supply Co., 609-627 N. Broadway, P. O. Box 1353
Portland: Pacific Stat. Co., 415 S.W. 2nd Ave.
Salem: Ralph Johnson Appl. Co.
Salt Lake City: Western Gas Appl. Inc., 751 W. 8th St.; Airwave Radio & Television, 331 S. State St.; Enos Elec. Radio & TV., 1173 S. 2nd W.
Seattle: Humphrey Radio Serv., 504 E. Pine St.
Spokane: Oren's R & E, E. 1827 Sprague
Tacoma: Northwest Radio, Inc., 907 S. Tacoma Ave.

STONE MFG. CO., 489 Henry St., Elizabeth 4, N. J.
(Lights and lighting fixtures)
Western Warehouses:
Seattle: 1016 First Ave. So.
Portland: 830 S.E. Alder St.
Los Angeles: 811 E. 14th Pl.
Denver: 1018 Lawrence St.

STRAIT & RICHARDS INC., 23 Selvage St., Newark 8, N. J.
(Glolog)
Direct from factory.

STROMBERG-CARLSON CO., 100 Carlson Road, Rochester 3, N. Y. Distributors in Western states under Stromberg-Carlson trade name.

STROMBERG TIME CORP., 109 Lafayette St., New York (13), N. Y.
Dealers:
(carry supplies and repair parts)
Los Angeles: H. H. Swisher, 2146 W. Washington Blvd. (7)
San Francisco: R. E. Peters, 420 Market St., Room 442 (11)
Seattle: Eicher & Co., 263 Coleman Bldg. (Covers Spokane also)
Ogden: G. W. Goddard Co., 24th St. and Wall Ave.
Denver: Krippner & Polley, 1166 Elati St. (4)

SUNBEAM CORP. (formerly Chicago Flexible Shaft Co.), 5600 Roosevelt Rd., Chicago 50, Ill.
(electric appl., lawn sprinklers, industrial furnaces)
Service Stations:
Tacoma: Ajax Elec. Co., 747 Fawcett Ave.
San Francisco: Will M. Aronson, 666 Howard St.
Seattle: Howell's Elec. & Supply Co., 522 Union St. (1)
Portland: W. L. May Co., 215 N. W. Park Ave. (9)
Denver: Midwest Elec. Co., 1124 Santa Fe Ave.
Los Angeles: Sunbeam Appl. Service Co., 737 S. Hope St. (14)
Salt Lake City: Sunbeam Corp., 46-50 W. 4th South St.
Phoenix: Vinson-Carter Electric Co., 325 N. 4th St.
Amarillo: Panhandle Appliance Service Center, 902 W. 2nd Ave.
Dallas: Pearsol Appliance Co., 2010 Commerce St.
El Paso: Wayne M. Tinkler Co. Ltd., 813 Cedar St. at 5 Points

SUNBEAM ELEC. MFG. CO., Evansville, Ind.
(See Seegar Refrg. Co.)

SUN-KRAFT INC., 215 W. Superior St., Chicago 10, Ill.

SUNROC CO., Glen Riddle, Pa.
(Sunroc water coolers and purifiers)
Branch office: 2331 Westwood Blvd., Los Angeles 64, Calif.
Distributors:
San Francisco: Dallman Supply Co., 685 7th St.
San Francisco: Dallman Supply Co., 685 7th St.
Los Angeles: Keenan Pipe & Supply Co., 2112 E. 27th St.;
Sacramento: Dallman Supply Co., 685 7th St.
San Diego: Industries Supply Co., 345 4th Ave.
Santa Fe: Santa Fe Builders' Supply Co., P. O. Box 899
Albuquerque: Santa Fe Builders Supply Co.

SUPERIOR ELECTRIC PRODUCTS CORP., Cape Girardeau, Mo.
(Superlectric & Supermatic household heating appliances)
Service Station:
San Francisco: Appliance Service Factors, 123 Steuart

SUPERSTAR APPL.
(See Stern-Brown, Inc.)

SURF ELEC. APPL.
(See G-M Laboratories)

SUTTON, A. O. CORP., 1812 W. 2nd St., Wichita, Kans.
Distributors:
Los Angeles: Sues, Young & Brown Inc., 1509 So. Figueroa
San Francisco: McCormack & Co., 450 9th St. (3)
Portland: Lou Johnson Co., 422 N.W. 8th Ave (9)
Billings: N. W. Auto Supply Co., 424 N. Broadway
Salt Lake City: Pembroke Co., 24 E. Broadway
El Paso: Momsen Dunnegan Ryan Co.
Denver: Buerger Bros. Supply Co., 1732 Champa
Spokane: Inland Empire Wholesalers, 110 So. Wall St.

SWARTZBAUGH MANUFACTURING CO., 1336 W. Bancroft St., Toledo 6, Ohio
(Everhot roasters, roasterettes, rangettes, heaters, blankets)
Service stations:
Portland: Morrison Elec. Co., S. W. Washington at 13th (5)
San Francisco: M. C. Ross Elec. Appl. Service, 190 Gough St.
Denver: Midwest Elec. Service Co., 1124 Santa Fe Drive.
Salt Lake City: Appliance Service Center, 57 Richards St.
Phoenix: Vinson-Carter Electric Co., 325 N. 4th Ave.
Los Angeles: California Electric Service Inc., 832 S. Alvarado St.
Sacramento: Lamco Electric Co., 1415 21st St.
San Diego: Elec. Appliance Service Corp., 302 17th St.
Seattle: A Appliance Co., 610 E. Pine St.
Butte: Radio Eng. & Service, 219 W. Park St.

SYLVANIA ELEC. PRODUCTS, INC., 500 5th Ave., New York 18, New York
Service Stations:
San Francisco: Service Radio Wholesale, 1357 Post St. (9)
Los Angeles: Ionic Equipment Co., 1705 N. Kenmore (27)

TECHNICAL APPLIANCE CORP., Sherburne, N. Y.
(High frequency antennae)
Representatives:
Seattle: Jas. J. Backer Co., 2321 2nd Ave. (For Wash., Oregon, Mont. and Idaho)
Los Angeles: Ray Velliquette & Co., 1406 So. Grand Ave. (For So. Calif., Ariz. and So. Nev.)
San Francisco: David H. Ross Co., 1355 Market St. (For No. Calif. and No. Nevada)
New Mexico and Wyoming: factory service only.
Radio parts jobbers:
Denver: Inter-State Radio & Supply Co., 1639 Tremont Place (2); Niles Phonograph & Radio Co., 505-7 & 9 14th St. (2)
Salt Lake City: General Electric Supply Corp., 312 W. Second South St.; O'Loughlin's Radio Supply, 113 E. Third South St. (1)

TELECHRON INC., Ashland, Mass.
(Clocks)
Service Stations
Phoenix: Vinson-Carter Elec. Co., 325 N. 4th St.
Fresno: The Clock Shop, 1418 Fulton St.
Long Beach: Calif. Elec. Service Inc., 1407 E. 4th St.
Los Angeles: Calif. Elec. Service Inc., 832 S. Alvarado St.
Oakland: The Clock Shop, 144 E. 14th St.
Sacramento: Lam-Co Elec., 1415 21st St.
San Diego: J. F. Zwiener Elec. Co., 1242 First Ave.
Santa Barbara: Mel-Time Repairs, 20 W. Carrillo St.
San Francisco: Calif. Elec. Service Inc., 168 First St.
Colorado Springs: Modern Service Co., 10 E. Colorado Ave.
Denver: Mint Radio Service, 339 13th St.
Boise: Wright & Glover, 109 N. 10th St.
Billings: Billings Elec. Supply Co., 214 N. 30th St.
Butte: Radio Eng. Service, 219 W. Park St.
Albuquerque: L. H. Chant Elec. Co., P. O. Box 544, 712 W. Copper Ave.
Portland: B. W. Cobb Watch & Clock Shop, 220 Alder St.
Ogden: Coray Clock & Appl. Service, 2420 Grant Ave.
Salt Lake City: Time & Instrument Co., 57 Richards St.
Seattle: The Clock Shop, 325 Joshua Green Bldg.
Spokane: Harry's Elec. Clock Hospital, So. 175 Post St.
Cheyenne: Schmitt's Jewelry, 614 21st St.

TENNESSEE VALLEY MARKETERS INC., Gambill Bldg., Nashville, Tenn.
Distributors:
El Centro: Independent Hdwe. Co. (churns, space heaters)
Los Angeles: U. S. Grant Supply Co., 1154 So. Hill St. (water heaters)
Butte: General Electric Supply Co. (churns)
Denver: Hassco, Inc., 1745 Wazee St. (churns)
Portland: General Electric Supply Co., 230 N.W. Broadway (churns)
Seattle: General Electric Supply Co., 1212 First Ave. S. (churns)
Phoenix: Southwest Cooperative Wholesale Co., 1821 Jackson St.

TEPFER APPL. CO., INC., 49 Central Ave., Cincinnati, Ohio.

THERMADOR ELECTRICAL MANUFACTURING CO., 5119 District Blvd., Los Angeles 22, Calif.
(Thermador elec. space heater, water heaters and ranges)
Factory at L. A. handles all service for Southern California, Arizona and New Mexico
Service Stations:
San Francisco: Electrical Appliance Service Co., 1434 Howard St.
Portland: Bressie Elec. Co., 909 S. W. 5th Ave.
Las Vegas: Miller Elec. & Eng. Co., 13 W. Charleston Blvd.
Fresno: Leonard F. Ballmer, 737 Olive Ave.
Medford: Trowbridge & Flynn Elec. Co., 214 W. Main St.
Spokane: Spokane Appl. Repair, So. 173 Wall St.
Sacramento: Lam-Co Electric, 1415 21st St.
Seattle: J. M. Hooper Elec. Co., 222 Marion St.
Tacoma: Ajax Elec. Co., 747 Fawcett Ave.

THERMO APPL. CORP., 23 Flatbush Ave., New York City N. Y.

THOMAS CLOCKS, SETH, Thomaston, Conn.
(Seth Thomas clocks)
San Francisco: Schloss Mfg. Co., 540 Mission St. (5)

THOR CORP., Cermak Road & 54th Ave., Chicago 50, Ill.
Service dept.: 2010 So. Marshall Blvd., Chicago 23, Ill.
Factory parts depots and service stations:
Distributors:
Billings: Parker Montana Co., 511 N. 21st St.
Seattle: Appliance Parts & Service Co., 214 Stewart St. (1)
Spokane: Appliance Parts & Serv. Co., 609 Trent
Portland: W. L. May Co., 215 N.W. Park Ave.
San Francisco: Washing Machine Parts Co., 1375 Mission St. (3); Elect. Appl. Serv. Co., 236 Harriet St.
Los Angeles: Washing Machine Parts Co., 1241 So. Hope St. (15); Elect. Appl. Serv. Co., 726 W. Venice Blvd.
San Diego: Washing Machine Parts Co., 1743 India St. (1); Elect. Appl. Serv. Co., 302 17th St. (2)
Denver: Appliance Dist. Inc., Wazee Mkt.; Ray Jones, 376 So. Broadway
Salt Lake City: W. H. Bintz Co., 433 W. 3rd So. St.; A-1 Master Elec. Shop, 47 E. 4th St.
Albuquerque: Bill Jones Wash. Machine Service, 4201 E. Lunado

THRUSH, H. A. & CO., 21 E. Riverside Drive, Peru, Ind.

TITAN MFG. CO. INC., 701 Seneca St., Buffalo 10, N. Y.
Service Stations:
San Francisco: Electrical Appliance Service Co., 236 Harriet St.
Seattle: Appliance Service Station, 1220 Westlake Ave. No.; Appliance Parts & Service, 216 Stewart St.
Los Angeles: Electric Lighting Supply Co., 216 W. 3rd St.
Butte: Radio Engineering Service, 219 W. Park St.
Denver: Western Appliance & Electric, 1159 Stout St.
Portland: Bressie Electric, 909 S. W. 5th Ave.
Spokane: Appliance Parts & Service.

TOASTMASTER (See McGraw Electric Co.)

TOASTSWELL CO., 620 Tower Grove Ave., St. Louis 10, Mo.
(Toastwell products)
Service stations:
Phoenix: Vinson-Carter Elec. Co., 325 N. 4th St.
San Francisco: M. C. Ross, 190 Gough St. (2)
Portland: Bressie Electric Co., 909 S. W. 5th Ave. (4)
Spokane: Warranty Radio & Appliance Service, W. 1024 First Ave.
Seattle: A Appliance Co., 610 E. Pine St. (22)
Billings: Billings Electric Supply Co., 214 N. 30th St.
Salt Lake City: Appliance Service Center, 57 Richards St. (1)
Denver: Denver Appliance & Elec. Co., 1159 Stout St.
Long Beach: Calif. Elec. Service, 1407 E. 4th St.
Los Angeles: Calif. Elec. Service, 832 S. Alvarado
Sacramento: Remington's Elec. Service, 2320 21st St.

TORK CLOCK CO., 1 Grove St., Mt. Vernon, N.Y.
Representatives:
Los Angeles: Allied Industries, 412 Seaton St. (13)
Oakland: John P. Eichorn, 426 Bryant St. (7)
Seattle: Freeman C. Scharr, 441 Dexter Horton Bldg. (4)
Salt Lake City: Stevens Sales Co., 41 Post Office Pl. (1)
Denver: L. S. Reed & Co., 1018 Lawrence St.

TRAV-LER RADIO CORP., 571 W. Jackson Blvd.; Chicago 6, Ill.
(Television, radio and record players)
Distributors:
Albuquerque: Allied Wholesale Dist., 3004 West Central
San Francisco: Associated Radio Dist., 1251 Folsom St.
Denver: The Parker Co., 1520 Wazee St. (2)
Seattle: Washington Distributors, 2521 2nd Ave.
Los Angeles: The Corwin Co., 1147 S. Hope
Portland: Florence Dist. Co., 1132 N.W. Glisan
Remaining western territories serviced from Chicago office or factory

TRAYWAY MFG. CO., 2973 Mission St., San Francisco, Calif.

TREND CLOCKS, INC., 201 E. Main St., Zeeland 2, Mich.
Service Station:
Los Angeles: Davis Distributing Co., 427 S. Western Ave. (5)

TRENT, INC., 201-299 Leverington Ave., Philadelphia 27, Pa.
(Trent elec. heaters, hot plates, kettles, ovens, furnaces)
Representatives:
Los Angeles: Kirk-Palka Co., 415 Wall St. (13)
San Francisco: Kirk-Palka Co., 420 Market St. (11)
Portland: Pac. Elec. Sales Co., 232 N. E. 9th St. (14)
Denver: Earl S. Rau, 1671 Colorado Blvd. (7)
Salt Lake City: Mine & Smelting Supply Co., 121 W. 2nd St. So.

TRILMONT PROD. CO., 24th and Walnut St., Philadelphia 3, Pa.
Factory service

TRU-AID DIV.
(See Mitchell Mfg. Co.)

TRUSCON STEEL CO., Albert St., Youngstown, Ohio.

TUTTLE, H. W., & CO., Adrian, Mich. Wholesalers handle replacement parts for these electrical appliances

TWINFACE CLOCKS
(See Hobar Co.)

TYLER FIXTURE CORP., Niles, Mich.
(Tyler Harder-Freez home freezer)
Representatives:
Phoenix: Gordon E. Wilkins, Ironers Inc., 2531 N. 15th St.
Los Angeles: Perfecold Industries, 1940 S. Main St.
Oakland: Gordon E. Wilkins, Ironers Inc., 3100 Telegraph
San Francisco: Gordon E. Wilkins, Ironers Inc., 1355 Market St.
Denver: Robbins Fixture Co., 937 Santa Fe Drive
Pueblo: Frigid Equip. Co., 320 S. Union Ave.
Billings: Taylor Distr. Co., 4148 First Ave., S.
Missoula: Clausen Refrig. Co., 432 N. Higgins St.
Albuquerque: Pipkin Refrigeration Supply, 909 Bridge
Portland: Ralph S. Hamilton Co., 1133 N. W. Glisan
Bend: Oregon Equip. Co., 165 E. Greenwood
Klamath Falls: Oregon Equip. Co., 203 So. Riverside
The Dalles: Oregon Equipment Co., 105 E. 2nd St.
Salt Lake City: Gordon E. Wilkins, Ironers Inc., 142 S. 5th, W.
Spokane: E. S. Matthews Inc., 151 S. Post St.
Chehalis: Coastal Refrig. Co., 1075 Market St.
Yakima: Ruxton's Refrig. Service, 402 W. Yakima Ave.
Tacoma: Sanford Brown Refrig. Co., 3424 So. Tacoma Way

UNIVERSAL APPLIANCES (See Landers, Frary & Clark)

U. S. ELEC. HOME PROD. INC., 145 58th St., Brooklyn 20, N. Y.

UNITED STATES TIME CORP., service department, Municipal Airport, Little Rock, Ark.
(Timex, Kelton, Ingersoll, Yankee Clocks and Watches)

UTILITY APPLIANCE CORP. (formerly Utility Fan Corp.), 4851 S. Alameda St., Los Angeles 11, Calif.
(Utility desert coolers)
District offices:
Fresno: Howard Diehl, P.O. Box 2002
Phoenix: Don G. Smith, 101 W. McDowell
Portland: Wm. A. Dozier, 826 N.E. 78th St. (13)
Albuquerque: Wm. B. Marsh, 1336 No. Stanford

VACULATOR LINE (See Coffee Equipment Service Co.)

VACUUM CAN CO., 25 S. Hoyne Ave., Chicago 12, Ill.

VERPLEX CO., Essex, Conn.
Factory service only.

VICTOR ELECTRIC PROD., INC., 2950 Robertson Ave., Cincinnati, 9, Ohio
Victron products
Service Centers:
Denver: Midwest Elec. Service Co., 323 Colfax Ave.
San Francisco: Electrical Appliance Service Co., 236 Harriet St. (3)
Los Angeles: Electric Lighting Supply Co., 216 W. Third St.
Portland: Morrison Electric, 1206 S.W. Washington
Seattle: Fellstrom Electric

VICTROLAS
(See Radio Corp of America)

VIDRIO PRODUCTS CO., 134 W. 54th St., Chicago, Ill.
(Sterro, Baby Grande and Master Grande portable washers; Waldorf Liqui-Mixer; Air Chief Fans; De Luxe hair dryer)
Factory service only and limited to available parts.

VIRDEN, JOHN C. CO., Cleveland, Ohio.

V-LECTRICAL ENG. CO., 828 N. Highland Ave., Hollywood 38, Calif. (See Calbest Eng. & Electronic Co.)

VOSS BROS. MFG. CO., Davenport, Iowa
(Voss washing machines)
Parts Distributors:
Salt Lake City: A-1 Master Elec. Shop, 47 E. 4th St. S.
Spokane: Spokane Washer Co., 203 W. Main Ave.
Portland: W. T. Dyke Service Co., 12 S. E. 28th Ave.; W. L. May Co., 215 N. W. Park Ave.
Denver: Ray Jones Washing Mach. Parts, 376 So. Broadway
San Francisco: Washing Mach. Parts Co., 1375 Mission St.; Elec. Appl. Service Co., 1434 Howard St. (3)
Los Angeles: Elec. Appl. Parts Service Corp., 726 W. Venice Blvd.; Washing Machine Parts Co., 1241 So. Hope St. (15)
Seattle: Appl. Parts & Serv. Co., 214 Stewart St. (1)
San Diego: Washing Machine Parts Co., 1743 India St. (1)

WAAGE MANUFACTURING CO., 632 N. Albany Ave., Chicago 12, Ill.
(WAAGE Springacto electric iron cords; appliance repair parts)
Seattle: Appl. Parts & Service Co., 216 Stewart St. (1)
Portland: Bressie Elec. Co., 909 Southwest 5th Ave. (4)
San Francisco: Calif. Elec. Ser. Sta., 168 First St. (5); Will M. Aronson, 666 Howard St.; Appliance Elec. Serv. Co., 1434 Harriet St.
Los Angeles: Calif. Elec. Ser. Station Inc., 832 So. Alvarado St. (5)
Spokane: Appl. Parts & Service Co., 609 W. Trent Ave.
Salt Lake City: A-1 Master Electric Co., 47 E. 4th St. (1)
San Diego: Electrical Appliance Service Corp., 302 17th St.
Sacramento: Remington's Elec. Service Station, 2320 21st St.
Denver: Midwest Elec. Service Co., 1124 Santa Fe Drive (4)
Phoenix: Vinson-Carter Elec. Co., 325 N. 4th St.

WALDORF LIQUI-MIXER
(See Vidrio Products Co.)

WALKER & PRATT MFG. CO., 17 Main St., Watertown, Mass.

WARING PRODUCTS CORP., 25 W. 43rd St., New York 18, N.Y.
(Waring blendor and Waring steam iron)
Service Station:
San Francisco: M. C. Ross, 190 Gough St.
Los Angeles: California Electric Service Inc., 832 S. Alvarado St.
Portland: Morrison Electric Co., 1208 S. W. Washington & 12th Ave.
Denver: Western Appl. & Elec. Co., 1159 Stout St.
Seattle: Appliance Parts & Service, 216 Stewart St.

WARWICK MFG. CORP., 4640 W. Harrison St., Chicago 44, Ill.

WATERBURY CLOCK CO.
(See Ingersoll Div.)

WATERMASTER ELEC. WATER HEATER (See Collins Concrete & Steel Pipe Co.)

WAVERLY PRODUCTS INC., 2200 Oak St., Kansas City, Mo. (Steam-O-Matic)
Service Stations:
Los Angeles: Calif. Elec. Service Station, 832 S. Alvarado St.
San Francisco: Calif. Elec. Service Station, 168 First St. (5)
Portland: W. L. May Co., 215 N.W. Park Ave.
Salt Lake City: Appliance Service Center, 57 Richards St. (1)
Seattle: City Electric & Fixture Co., 2014 3rd Ave.
Denver: Midwest Elec. Service, 1124 Santa Fe Drive

WELCH CO., W. W., Glenn Bldg., Cincinnati 2, Ohio
(Air Flight circulators)
Service Stations:
Los Angeles: Calif. Electric Service, Inc., 832 S. Alvarado St. (5)
Long Beach: Calif. Electric Service, Inc., 1407 E. 4th St.
San Francisco: Calif. Electric Service, Inc., 168 First St. (5)
Houston: Arnold Electric Co., 1817 W. Alabama (6)

WELKO INC., 219 W. Chicago Ave., Chicago 10, Ill.
Service Stations (Except fryers):
Portland: W. L. May Co., 215 N. W. Park Ave. (9)
San Francisco: Renner Electric, 260 Kearny St. (8)

WELLS MFG. CO., 220 Ninth St., San Francisco 3, Calif.
Service Stations:
Los Angeles: Mac & Jack Appl. Repair, 1357 Temple St.
San Diego: J. F. Zwiener Elec'l Co., 1242 1st Ave.
San Francisco: Wells Mfg. Co., 220 9th St. (3)
Portland: Bressie Elec. Co., 909 S.W. 5th Ave.
Seattle: Appliance Parts & Service Co., 216 Stewart St.
Spokane: Appliance Parts & Service Co., W. 609 Trent

WESIX ELECTRIC HEATER CO., 390 1st St., San Francisco, Calif.
(Wesix electric water heaters and room heaters)
Branches:
Seattle: Securities Bldg., 3rd & Stewart (1)
Portland: Terminal Sales Bldg., 12th & Morrison St.
San Francisco: 390 1st St. (5)
Los Angeles: Brockman Bldg., 7th & Grand (14)

WESTCLOX, Div. of General Time Corp., La Salle, Ill.
(electric clocks)
Service Station:
San Francisco: Schloss Mfg. Co., 540 Mission St. (5)

WESTINGHOUSE ELECTRIC CORP., 246 E. 4th St., Mansfield, Ohio; Western Office, 1355 Market St., San Francisco 3, Calif.
(Ranges, refrigerators, home freezers, Laundromats, dryers, water heaters, Waste-Aways, dish-washers, water coolers, milk coolers, and food mixers)
Serviced by:
Westinghouse Electric Supply Co.
Seattle: 1051 First Ave. South (4)
Spokane: N. 1023 Monroe St. (1)
Tacoma, 1938 Pacific Ave. (2)
Yakima: 13 South 7th Ave.
Portland: 1313 N.W. Glisan (9)
Butte: 949 S. Montana St.
Boise: 710 Front St.
Salt Lake City: 210 Rio Grande St. (14)
Phoenix: 315 W. Jackson St.
Vernon: 4601 S. Boyle St.
Oakland: 711 E. 8th St. (6)
Denver: Savage & Son, P.O. Box 5546 (17)
Reno: Saviers Elec'l Prod. Corp. P.O. Box 531
San Diego: Distributors, Inc. 541 Second Ave. (12)
(Irons, waffle irons, sandwich grills, roasters, percolators, hot plates, vacuum cleaners, fans, toasters, Cozy Glows, coffee makers, electric griddles, broiler grids, food mixers and electric bed coverings)
Serviced by:
Seattle: J. M. Hooper Electric Co., 222 Marion St. (4)
Spokane: Spokane Appliance Repair, S. 173 Wall St. (8)
Tacoma: Ajax Electric Co, 747 Fawcett St.
Portland: Morrison Electric Co., 1206 S.W. Washington St. (4)
Butte: Reliable Radio Sales & Service, 2130 Ottawa St.
Boise: Home Appliance Service, 1519 N. 13th St.
Salt Lake City: Appliance Service Center, Inc., 57 Richards St. (1)
Phoenix: R. R. Electric Co., 239 E. Indian School Rd.
Albuquerque: Thompson Music Co., 315 N. Third
Reno: Saviers Elec'l Prod. Corp., Box 531
Denver: Savage & Son, P.O. Box 5546 (17)
San Diego: Electric Supplies Dist. Co., 435 Second Ave. (12)
Los Angeles: California Electric Service Co., 832 S. Alvarado St.
Long Beach: California Electric Service Co., 1407 E. Fourth St.
San Francisco: California Electric Service Co., 168 First St.

WEST WIND CORP., 1800 Airport Way, Seattle, Wash.

WHIRLPOOL CORP., St. Joseph, Mich.
(Whirlpool washers, electric and gas dryers and ironers)
Distributors:
San Francisco: H. S. Basford Co., 235 15th St.
Los Angeles: Graybar Elec. Co. Inc., 210 S. Anderson.
San Diego: Graybar Elec. Co., 720 State St.
Portland: Electrical Dist. Inc., 140 N.W. 14th Ave.
Spokane: Prudential Dist., S. 151 Stevens.
Seattle: Radio Television & Appl., Inc., 510 West Lake N.
Salt Lake City: Strevell-Paterson Hardware Co.
Denver: Ray Jones, 376 S. way; Western Appl. Co., 201 S. Cherokee.
Phoenix: Arizona Hardware, 47 E. Jackson

WHITE PRODUCTS CORP., Middleville, Mich.
(White elec. water heaters)
Parts and service:
Denver: Austin & Sons Distributors, 1819 Wazee St. (2); Elliott Schmidt Elec. Co., 945 9th St.; Contractors Htg. & Supply Co., 70 Santa Fe Dr (9).
Salt Lake City: Western Supply Co., 357-9 W. 2nd St. (1)
Boise: Western Supply Co.
Pocatello: Western Supply Co.
Billings, Western Bldrs. Supply, 1510 Montana Ave.

WHITE SEWING MACHINE CORP., Cleveland 1, Ohio
(White sewing machines)
Department stores where service and repair work may be obtained.
Seattle: Frederick & Nelson
Spokane: The Crescent
Portland: Meier & Frank Co.
San Diego: Walker's
San Francisco: The Emporium; Macy's of San Francisco
Oakland: H. C. Capwell & Co.; Capwell, Sullivan & Furth

San Jose: L. Hart & Son Co.
Stockton: Stockton Dry Goods Co.
Fresno: E. Gottschalk & Co.
Los Angeles: The May Co.; Broadway Dept. Store
Denver: The May Co.
Tacoma: Rhodes Bros.
Salt Lake City: Auerbach Co.
Sacramento: Hale's Dept. Store
Phoenix: Korrick's Inc.

WHITEHEAD MFG. CO., JUD, Fremont, Nebr.
(J. W. gas and electric hot water storage heaters)
Oakland: Jud Whitehead Heater Co., 4111 Broadway

WIEGAND CO., EDWIN L., 7500 Thomas Blvd., Pittsburgh, Pa.
(Chromalox elec. htg. units; Chromalox elec. range top cooking units, water heater replacement units)
Serviced by Montgomery Bros.:
Seattle: 911 Western Ave. (4)
Portland: 1104 N. W. 15th St. (9)
San Francisco: 1122 Howard St. (3)
Los Angeles: 2133 So. San Pedro St. (1)
Denver: Richards-Conant, 324 Cooper Bldg. (2)

WILCOX-GAY CORP., Charlotte, Mich.
(Recordio, Recordette, Recordio discs, Recordiopoint needles, Recordio recording tape)
Distributors:
Los Angeles: Pacific Telecoin Co., 1776 S. Robertson Blvd.
San Francisco: Pacific Telecoin Co., 1337 Mission St.
Portland: F. B. Connelly Co., 905 Northwest 12th Ave. (9)
Seattle: F. B. Connelly Co., 1015 Republican St. (9)
Spokane: Prudential Distributing Co. Inc., 151 S. Stevens
Great Falls: Northwest States Supply Co., P.O. Box 2033
Helena: Northwest States Supply Co., P.O. Box 835
Phoenix: Radio Specialties & Appliance Co., 401 W. Jackson St.
Denver: Boyd Distributing Co., 20 W. 13th St. (4)
Butte: Northwest States Supply Co., Box 368
Ogden: Ballard & Carter, 2478 Grant Ave.

WILLIAMS OIL-O-MATIC DIVISION, Eureka Williams Corp., 1201 E. Bell St., Bloomington, Ill.
(Williams Oil-O-Matic burners, boilers, furnaces and Williams H.P. burners)
(See also Eureka-Williams Corp.)
Spokane: J. F. Babcock, 222 N. Division St.; Pac. Coast Heating & Appl. Co., W. 1205 College.
Walla Walla: W. R. O'Rourke Plumb. & Htg. Co., 339 S. 2nd St.
Portland: Pac. Coast Htg. & Appl. Co., 1464 N.W. Front Ave.; Power Plant Eng. Co., 4069 N.E. Union Ave. (12)
Salem. Heating Equipment Co., 274 N. 20th St.
Eugene: L. P. Curtsinger, 267 Van Buren St.
San Francisco: E. A. Cornely, Inc., 1277 Howard St.
Oakland: Cooks Oil Co., 1350 Powell St. (8).
Sacramento: Rotary Sierra Co., 1625 N. C St.
Salt Lake City: Red Feather Oil Co., 204 W. 17th S.
Reno: Savage & Son Inc., 628 S. Virginia St.
San Diego: Southwest Supply Co., 510 8th Ave.
Los Angeles: Harry F. Haldeman Inc., 2401 S. Hill St.
The Dalles: R. A. Twiss, 506 E. 2nd
Everett, Wash.: F. M. Haskell P. & H., 3014 Wetmore Ave.; Everett Plbg. & Htg. Co., 2723 Rockefeller St.
Longview: Manning Fuel Oil Co., Vandercook & Commerce

Vancouver, Wash.: Power Inc., 607 W. 11th St.
Missoula: Thrasher Htg. Serv., 612 S. Higgins
Ogden: Weber Fuel Oil Co., 2359 Grant St.
Tremonton, Utah: J. G. Burgess Co., 131 So. First E.
Boise: Ryan Automatic Heating Co., Route No. 2; Foster Htg. Ser., 2620 Broadway
Idaho Falls: Idaho Falls Produce & Supply Co., Box 337
Olympia: Acme Fuel Co., 416 State St.
Seattle: Pac. Coast Heating & Appl. Co., Foot of Main St.
Yakima: Buren Sheet Metal Co.
Caldwell, Ida.: Heating Equipment Co., 608 Main St.
Nampa, Ida.: Shaw Sheet Metal, 115 14th Ave. S.
Twin Falls, Ida.: Abbotts Plumbing & Appliance Co., 740 Shoshone St. W.
Weiser, Ida.: Benson & Bates Plumbing, Heating & Electric Co., 1006 W. 5th St.

WINSTED HARDWARE MANUFACTURING CO., Winsted, Conn.
(Durablit elec. appl.)
Service Stations:
San Francisco: M. C. Ross, 190 Gough St.
Los Angeles: Calif. Elec. Serv. Inc., 832 So. Alvarado St. (5)
Portland: Bressie Electric, 909 S.W. 5th Ave.
Denver: Western Appl. & Elec. Co., 1159 Stout St.
Seattle: A Appliance Co., 610 E. Pine St. (22)

WOOD CO., JOHN, Conshohocken, Pa.; Chicago, Ill.

WOOLWINE ELEC. RANGES
(See Thermador Elec. Mfg. Co.)

WROUGHT WASHER MFG. CO., 2177 South Bay St., Wilwaukee 7, Wis.
(Washers, metal, Stampings, dies)
Representatives:
Seattle: Hughson & Merton, 269 Colman Bldg (4)
Salt Lake City: Hughson & Merton, 509 Benson Bldg. (1)
San Francisco: Hughson & Merton, 1270 Bush St. (9)
Los Angeles: Hughson & Merton, 3209 Glendale Blvd.

YOUNG CORP., Fall River, Mass.
Parts and service:
Denver: Ray Jones Washing Machine Parts & Repair Co., 876 So. Broadway (9)

ZENITH RADIO CORP., 6001 Dickens Ave., Chicago, Ill.
Distributors:
Phoenix: Electrical Equipment Co. of Ariz., 1st Ave. at Madison
Fresno: B. J. DeJarmatt Wholesale Co., 223 Fulton St.
Los Angeles: Sues-Young & Brown, 3636 S. Bronson Ave.
Sacramento: Broili-Parks Co., 2225 19th St.
San Diego: Elec. Supplies Dist. Co., 435 2nd Ave. (12)
San Francisco: H. R. Basford Co., 235 15th St.
Denver: Western Appliance Corp., 201 S. Cherokee St.
Billings: Midland Implement Co., 2301 Montana Ave.
Portland: Electrical Dist. Inc., 140 N.W. 14th Ave. (9)
Salt Lake City: W. H. Bintz Co., 433 W. 3rd St. S.
Seattle: Seattle Hdwe. Co., 501 First Ave., S. (14)
Spokane: Columbia Electric & Mfg. Co., 123 S. Wall St. (8)
Amarillo: Nunn Elec. Supply Corp., 105 Polk St.
El Paso: Albert Mathias Co., 111-119 S. Mesa Ave.

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Colorado Blvd. (16)

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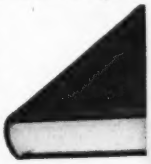

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DIRECTORY of REPRESENTATIVES

A listing by states and cities of manufacturers' Western representatives handling electrical lines. **PAGES 82-88.**

DIRECTORY OF MANUFACTURERS—Alphabetical listing of manufacturers of electrical equipment, showing their principal Western offices and sales representatives. **PAGES 1 TO 49.**

WHERE-TO-BUY IN THE WEST—Alphabetical listing of various electrical products, showing Western sources. **PAGES 50-65.**

DIRECTORY OF APPLIANCE SERVICE AND REPAIR PARTS—A listing of electrical appliance manufacturers' Western service stations and parts depots. **PAGES 66-81.**

CALIFORNIA

Alameda

STONE CO., W., 2315 Lincoln Avenue.

Alhambra

THE GLENMART CO., 932 E. Main St.

Altadena

JONES & ASSOCIATES, EVERETT W., 800 Florecita Terrace

SCHOENBAUM, E. T., 2378 Highland Ave.

Berkeley

LaMOREE, C. D., 2221 Fourth St. **(See advertisement, page 57)**

PACIFIC CONTROL ENGINEERS, 409 American Trust Bldg.

Joseph Liner
1827 S. Hope St.
Los Angeles 15, Calif.
Representing
Rodale Mfg. Co. Inc.,
WIRING DEVICES AND SUPPLIES
•
Chester Cable Corp.
TELEVISION AND ELECTRICAL WIRES

El Monte

WOOD CO., ASH, 1038 E. Garvey Blvd.

Glendale

MICHAEL AGENCY, CLAUDE, 703 West Ivy St.

WOOLSEY, C. L., 1320 Opechee Way.

Hollywood

FERDA, RUDY, 950 No. Highland Ave.

KEESE ENGINEERING CO., 7354 Santa Monica Blvd.

NEELEY ENTERPRISES, NORMAN B., 7422 Melrose Ave.

ROBERTS & ASSOCIATES, E. V., 6516 Selma Ave.

VAN GROOS, J. C., 1436 North Serrano

Los Angeles

AGENCIES COMPANY, 125 So. Santa Fe.

AIREY CO., INC., F. J. 1513 Mateo St.

ALLEN, JOHN R., 1322-W 11th St.

ALLEN & DARE, 1322 W. 11th St.

ALLIED INDUSTRIES, 412 Seaton St.

ALLIED ELEC. PROD. INC., 2559 W. Pico Blvd.

ANDERSON COMPANY, KENNETH, 412 Seaton St.

ANGUS-CAMPBELL, INC., 5320 Santa Fe Ave.

APPLETON CO., HARRY, 311 W. Pico Blvd.

ARLIN, A. W., 1812 W. Silver Lake Dr.

ARTER CO., LEE, 672 So. Lafayette

ASSOCIATED SALES ENGINEERS, 923 E. Third St.

ASSOCIATED WHOLESALE ELEC. CO., 1111 Santee St.

BAKER SMITH CO., 656 So. Los Angeles St.

BARBERA & COMPANY, A. A., 311 No. Martel Ave.

BARSTOW & DORAN, 1406 So. Grand Ave.

BAUGHMAN CO., E. J., 350 So. Central.

BLACK, JR., LOUIS D., 4806 Santa Monica Blvd.

BLACK & LEM, 4806 Santa Monica Blvd.

BLECKSMITH, C. C., 164 So. Central Ave.

BOOTH COMPANY, ARTHUR E., 4124 Beverly Blvd.

BOREHAM, R. S., 1206 So. Maple

BRACKEN SALES AGENCY, WM. W., 923 E. 3rd St. **(See advertisement, page 55)**

BRAN CO., FRANK H., 607 E. 6th St.

BROWN CO., J. J. 129 West Second St.

BURKLYN CO., 3429 Glendale Blvd.

BURROUGHS SALES CO., 969 So. Serrano Ave.

BUSHNELL CONTROLS & EQUIP. CO., 3929 W. Jefferson Blvd.

CANFIELD CO., M. E., 420 E. 3rd St.

CAYGILL CO., 409 E 2nd

CHEMNITZ CO., ERIC F., 1148 So. Grand.

CLARK & SAWYER, INC., 600 Mateo St.

CLAPP COMPANY, R. B., 314 Omar Ave.

CLOTHIER, INC., VAN D., 1025 E. 16th St.

COCHRANE BROTHERS, 1148 So. Grand.

M. L. COHN, 1323 Venice Blvd.

COLESWORTHY, J. B., 1709 W. 8th.

CONDON, EARL S., 1151 So. Broadway

COOMBS SALES COMPANY, O. W., 1026 So. Olive St.

CORRIN, JOHN G., 600 So. Highland Ave.

CRESCENT SALES, 440 Seaton St.

CUNNINGHAM & SON, R. E., 601 West 5th St.

DE RAMUS, BARNEY, 123 South Santa Fe.

DICKSON, ARTHUR L., 2363 Greenfield Ave.

DREYER CO., B. W., 714 W. Olympic Blvd.

EASTERBROOK, H. D., 1262 So. Boyle **(See Adv., page 82)**

H. D. Easterbrook
1262 So. Boyle Ave.
Los Angeles 23, Calif.
ALLEN-BRADLEY CO.
Milwaukee, Wisc.
Electric Motor Control
ELECTRIC PRODUCTS CO.
Cleveland, Ohio
Battery Charging M. G. Sets
Plating M. G. Sets
SORGEL ELECTRIC CO.
Milwaukee, Wisc.
Dry Type Transformers
COUNTER AND CONTROL CORP.
Milwaukee, Wisc.
Electric Counter Control Switches
Ticket Inserters

ECKERT-LLOYD CORP., 2115 So. San Pedro St.

ELECTRIC SALES CO., 1612 Maple Ave.

ELECTRICAL DISTRIBUTORS, INC., 1314 Glendale Blvd.

ELEC'L SPECIALTY CO., 418 E. 3rd St. **(See advertisement, page 23)**

ENGINEERING SALES COMPANY, H. M. Hall, 411 South Wall St.

ENGLISH & LAUER, INC., 1978 So. Los Angeles St.

ESTES CLAY, c/o Alexandria Hotel

FELDMAN CO., HENRY, 1001 So. Olive

FEY & KRAUSE, INC., 1635 So. Figueroa St.

FISKE COMPANY, INC., L. G., 712 So Olive St.

FLATAN, S., 409 E. 3rd St.

FOWLER, W. M., 2208 Sunset Blvd.

FRISBIE COMPANY, H. C., 1120 E. Pico.

GARLAND-AFFOLTER ENG. CORP., 417 So. Hill

GARNETT YOUNG & CO., 910 E. Third St.

GENERAL ELEC. SUPPLY CORP., 700 Turner St.

GIBBS, R. STUART, 1357 Wilshire Blvd.

GOUGH INDUSTRIES, INC., 819 East First.

GRAHAM REYNOLDS ELECTRIC CO., 300 East Third St.

GRAINGER, W. W., 311 So. San Pedro

HALDEMAN, INC., HARRY F., 2401 So. Hill St.

HARGROVE-GREEN CO., 2719 Broadway

HARFORD CO., FRANK C., 2428 E. 56th St.

HENGER-SELTZER CO., 120 So. Hewitt.

HILL SALES CO., J. T., 800 West 11th St.

HITT CO., W. C., 1169 So. Broadway.

"HOCK"ENSMITH SALES, 1262 So. Boyle Ave.

HOLMES, CARL E., 2806 Clearwater St.

HOLZMUELLER, C. J., 2533 S. Hill

HOPPE & COMPANY, W. A., 2025 San Fernando Road.

HORN CO., WM. P., 2806 W. 7th St.

HOYT, GAYLORD, 154½ So. Manhattan Place.

HOWZE & COMPANY, 5603 N. Figueroa.

HUGHES, E. N., 1709 W. 8th St.

HUNDLEY CO., 3522 Fletcher Dr.

INDUSTRIAL ENGINEERING & EQUIP., 726 Subway Terminal Bldg.

HUSEBY, M. F., 1331 So. Santa Fe.

JENSON INSTR. CO., 1919 W. Beverly Blvd.

JOAX, H. F., 1233 So. Genesee Ave.

JORDAN, E. J., 117 No. Robertson Blvd.

JOSLYN PACIFIC COMPANY, 5100 District Blvd.

KADIN, SEYMOUR H., 950 So. Flower St.

KAY MFGRS., AGENT, J. H., 4807 Beverly Blvd.

KEESE ENGINEERING CO., 7354 Santa Monica Blvd.

KIERULFF, & CO., 820 W. Olympic Blvd.

KILIAN, J. O., 2311 Midvale Ave.

KING, W. C., 912 E. Third St.

KIRBY, WALTER W., P. O. Box 124 Vernon Branch

KIRK-PALKA COMPANY, 415 Wall St. **(See Adv., page 42)**

KLINGER, M. H., 158 W. Pico Blvd.

KNIGHT COMPANY, W. BERT, 10373 West Pico Blvd.

LaMOREE, C. D., 1325 San Julian. **(See advertisement, page 57.)**

LANE, DAVE T., 817 So. San Pedro.

LASURE COMPANY, HARRY A., 2216 West 11th St.

LELAND, PAUL E, 5190 Santa Fe Ave.

LEVIN, MAX, 166 No. La Brea

L'HOMMEDIEN, W. R., 722 E. Washington Blvd.

LINDEMANN, A. L., 137 No. Citrus Ave.

LINDSEY, HARRY N., 1261 West 56th St.

LINER, JOSEPH, 1827 So. Hope St. **(See advertisement, page 82)**

LIPPINCOTT CO., 1052 W. 6th.

LITTRELL-RICHARDSON CO., 674 W. Washington.

LOMBARD-SMITH COMPANY, 714 W. Olympic Blvd.

MANUFACTURERS MARKETING SERVICE, 1490 Calzona

MARSHANK SALES CO., 672 So. Lafayette Park Pl.

MARCH COMPANY, J. W., 1517 W. Pico Blvd.

MARWOOD, LTD., 320 E. Third St. **(See advertisement, page 43)**

MAYDWELL & HARTZELL, INC., 455 Colyton St. **(See advertisement, page 5)**
McCUNE-MERIFIELD, 1331 Los Angeles St.
McGUIRE, WILLIAM A., 923 E. 3rd. **(See advertisement, page 62)**
McLOUGHLIN CO., 811 E 14th Place
MARSHANK SALES, 672 So. La-Fayette Park Pl.
MENSDORFFER, REYNOLD, 1315 E. 7th.
MICHEL BROS., 206 E. 31st St.
MITCHELL, CO., C. H., 1221 W. 11th St.
MODERN HOUSEHOLD SALES, INC., 336 No. San Pedro St.
MONSON ELEC. CO., 2533 So. Hill St.
MONTGOMERY BROS., 2113 South San Pedro St. **(See advertisement, page 44)**
MORGAN, MAC, 441 East 3rd St.
MULLENBACH ELECTRICAL MFG. CO., 2300 East 27th St.
MURPHY-HAIN CO., 720 E. 2nd.
MYERS ELEC. PROD., INC., 2365 E. 57th St.
NEARY, LEONARD J., 729 So. Normandie
NEELY ENTERPRISES, 7422 Melrose Ave.
NOEL & ASSOCIATES, RAY J., 1423 So. Broadway **(See advertisement, page 38)**
PACIFIC ELECTRO SALES, INC., 2038 Bay St.
PACIFIC SCIENTIFIC CO., 1430 Grande Vista Ave.
PANAMA LAMP & COM. CO., 700 E 1st St. **(See advertisement, pages 42, 58)**
PAULES, E. G., 1762 W. Vernon Ave.
PERIN, IRA G., 2933 E. 11th St.
PERLMUTH - COLMAN & ASSOCIATES, 1335 So. Flower St.
PETERSON CO., F. SOMERS, 413 E. 12th St.
PODORSON CO., JERRE L., 758 So. Ardmore Ave.
POMEROY COMPANY, J. G., 1004 East Fourth St. **(See advertisement, page 83)**
PORTER COMPANY, DON, 1117 So. Robertson.
PREFERRED EQUIPMENT, INC., 4232 E. Whiteside.
PROWELL CO., H. D., 2335 East 8th St.
PURMOT, LOUIS E., 12141 Muriel Dr., Lynwood
QUALITY ELECTRIC CO., LTD., 1235 E. Olympic
RANDOLPH CO., H. J., 650 So. Grand Ave. **(See advertisement, page 83.)**
REID CO., RALPH K., 1911 West 9th St.
RELIANCE ELEC. & ENG. CO., 714 W. Olympic Blvd.
RENZ, ROY E., 1406 S. Grand Ave.
RICHTER, IRVING H., 627 South Normandy
RITTENHOUSE, CLAY C., 235 E. Century Blvd.
ROBERTS & ASSOCIATES, E. V., 5068 W. Washington Blvd.
ROESCH CO., D. J., 2200 So. Figueroa St.
RUPP CO., V. T., 1150 W. Olympic Blvd.
RUTKIN SALES, 937 Stanford Ave.
SANFORD CO., D. E., 1049 So. Hill
SAUL & ASSOCIATES, HOWARD M., 5720 Wilshire Blvd.
SCHALLER COMPANY, J. J., 837 Traction Ave.
SCHOW, ROBT. M., 1709 W. 8th St.
SCHUELER & WESTON, 923 E. 3rd. **(See advertisement, page 57)**
SHEETER, HUGH X., 406 So. Main
SIEVERS, EDWARD S., 5171 Hollywood Blvd.
SMALLCOMB ELEC. CO., 1120 So. Main. **(See advertisement, page 51)**
SMITH, A. ALLEN, 1855 Industrial St.
SMITH, JOSEPH M., 3625 So. Grand Ave.
SMITH, LOMBARD, 714 W. Olympic Blvd. **(See adv., page 83)**
STEIN, H. M., 444 So. Cloverdale Ave.
STRAWN ENGINEERING REPRESENTATIVES, GEORGE A., 3312 West Vernon Ave.
STRIEBY & BARTON, LTD., 1562 No. Ave. 46.
STUTZ-SIMMONS, INC., 712 So. Olive.
SUES, YOUNG & BROWN, INC., 1509 So. Figueroa St.
SWEET, WALTER S., 2115 So. San Pedro St.
TAUFENBACH CO., LES, 816 W. 5th St.
THACKABERRY, M. N., 304-308 E. 3rd St.
THOMAS AGENCY, INC., NELSON R., 2155 E. 7th St.
THOMAS CO., RAY, 1601 So. Hope St.
THOMPSON, L. W., 232 So. Hill. **See advertisement, page 51)**
TIVY, GEORGE, 1148 So. Grand
TRI-STATE SUPPLY CORP., 544 So. San Pedro.
TUBERGEN, JOHN B., 1406 So. Grand Ave.
TURNQUIST BROTHERS, 1807 E. Olympic Blvd.
VAN LUVEN CO., H. H., 537 Ceres Ave.

J. G. POMEROY COMPANY
1004 E. Fourth St. MA. 1105 Los Angeles
Representing
THE M. B. AUSTIN COMPANY
Roughing-in Materials, Fittings, Cluster Lights
EDWARDS & CO., INC.
All Types of Signaling Equipment
McGILL MANUFACTURING CO.
Lamp Guards, Levolier Switches and Specialties
PASS & SEYMOUR, INC.
Schedule Wiring Devices, Alabax Fixtures
WHEELER REFLECTOR CO.
Industrial, Commercial and Fluorescent Reflectors
MEPHISTO TOOL CO.
Hand Forged Electrician Tools
HYKON MFG. CO.
Wire Meters and Handling Devices
HENDERSON ELECTRIC CO.
Pipe Bending Tools

WALLACE, DON C. & WILLIAM, 1206 Maple Ave.
WARBURG CO., ED., 1207 E. 8th St.
WELBORNE, W. E., 2847 W. Pico.
WESTERN CONTROL EQUIPMENT CO., 2700 W. 34rd St.
WESTINGHOUSE ELEC. SUPPLY CORP., 905 E. 2nd St.
WOOD CO., FRED C., 520 W. 7th St.
YOUNG & CO., ROBERT A., 714 Olympic Blvd.
YUDELSON, FLOYD, 1315 So. Beverly Glen.
ZINSCO ELECTRICAL PROD., 729 Turner St.

Menlo Park

MANUFACTURERS MARKETING SERVICE, P. O. Box 277.

Oakland

BORKVIST, S., 6216 Laird Ave.
CALIFORNIA ELEC. COMPANY, 30th & Adeline
CUMMINGS, K. D., 6441 Pinehaven Rd.
CURRIER CO., 205 12th St.
CURTISS, GEO. H., 222 29th St. **(See advertisement, page 38)**
ELECTRIC AGENCIES, 6420 Salem St.
GRIBBLE, WILLIAM, 610 16th St.
MILLER, PERRY B., 3828 14th Ave.
NOURSE EQUIP. & ENG. CO., 1530 Wood St.
A. B. SMEDLEY, 192 E. Glenarm
WALLACE CO., WALTER E., 3546 Lincoln Ave. **(See adv., page 84)**
WINSOR, HOWARD B., 2516 Ivy Dr.

Pasadena

ANDERSON, DENTON L., 1106 Fair Oaks, South Pasadena
PHILLIPS, JIMMY, 155 W. State
PUELICHLER, R. T., 3151 E. Colorado St.
SMEDLEY, A. B., 1254 North Los Robles

San Diego

BELFORT, L. E., 4750 Kensington Dr.
CALIFORNIA-ARIZ SALES AGENCY, 301 W. G St.
CALIFORNIA ELECTRIC WORKS, 424 8th St.
ELECTRIC SUPPLIES DISTRIBUTING CO., 435 2nd Ave.
SETCHELL, JAMES A., 301 W. G St.

San Francisco

AGENCIES CO., 288 7th St.
ALEXANDER, W. P., 420 Market St.

LOMBARD SMITH COMPANY
Factory Representative
714 W. Olympic Blvd.,
Los Angeles 15, Calif.

ALLEN CO., CLYDE, 1355 Market St.
ALLIED FACTORS, 1355 Market St.
ANGUS-CAMPBELL, INC., 1114 Valencia St.
ARTER CO., LEE, 1355 Market St.
BAKEMAN & ASSOCIATES, C. T., 752 Natoma St. **(See advertisement, page 55)**
BAKER SMITH CO., 1355 Market St.
BALLARD COMPANY, 407 Sansome St.
BASFORD COMPANY, H. R., 235 15th St.
BAUM, R. E., 1085 Monadnock Bldg.
BAXTER, L. M., COMPANY, 936 Natoma St.
BELILOVE CO., 420 Market St.
BENNETT CO., THE, 837 Howard St.
BENZ CO., FRED D., 444 Brannan St. **(See advertisement, page 85)**
BERGER JR., FRED W., 57 Post St.
BERMAN CO., E. L., 1355 Market St.
BEYER, N. S., 574 Eddy.
BRADLEY CO., E. B., 462 Bryant St.
BRAINARD, W. V., 30 Harriet St.
BROADHEAD STEEL PRODUCTS CO., 17th Ave. and Wisconsin Sts.
BROKAW, GEORGE K., 582 Market St.
BROOKES CO., E. JORDAN, 7 Front St.
BROOKS EQUIPMENT CO., 636 Potrero
BROWN COMPANY, 58 Sutter St.
BROWN, J. T., 420 Market St.
BUSHNELL CONTROLS & EQUIP. CO., 509 Polk St.
BUTCHER, HENRY M., 1800 Franklin St.
CADY, J. F., 995 Market St.
CALIF. ELECTRIC SERVICE, INC., 168 1st St. **(See advertisement, page 66)**
CALIF. ELEC. SUPPLY, 1585 Folsom St.
CALIFORNIA ULTRAVIOLET COMPANY, 420 Market St. **(See advertisement, page 58)**

H. J. RANDOLPH COMPANY
Engineering Representatives
650 South Grand Avenue, Los Angeles 17, Phone TRinity 5342
S&C ELECTRIC COMPANY
High Voltage Switching and Protective Equipment
NELSON ELECTRIC MANUFACTURING COMPANY
Electric Control, Instrumentation and Switchgear
COATES ELECTRIC MANUFACTURING COMPANY
Electric Boilers, Furnaces and Heating Equipment
TRANS-SONICS, INC.
Airborne Instrumentation

CAMPBELL, FRED S., 1268 Mission St.

CAMPBELL - GEORGE CO., 379 Brannan St.
(See advertisement, page 62)

CEAZAN COMPANY, J. N., 1547 Mission St.

CHAPMAN COMPANY, J. M., 290 9th St.

CHEMNITZ CO., ERIC F., 1355 Market St.

CHURCH COMPANY, L. F., 750 Natoma.

CLOTHIER CO., VAN D., 666 Mission

COATES CO., A. H., 420 Market St.

COCHRANE BROTHERS, 1355 Market

COOK COMPANY, E. B., 1063 Howard St.
(See advertisement, page 63)

COOMBS, O. W., 21 South Park

CORWIN CO., 1355 Market St.

COX COMPANY, OMER, 116 New Montgomery

CROWLEY CO., PAUL E., 1157 Post St.

CURTISS, GEORGE H., 540 McAllister St.
(See advertisement, page 44)

SPANG-CHALFANT
DIVISION OF THE NATIONAL SUPPLY COMPANY
Manufacturers
Central Rigid Iron Conduit
Central Electrical
Metallic Tubing
A. E. ROWE
Northern California Representative
660 Mission Street
San Francisco 5
Telephone: YU. 6-0553

CURTISS CO., H. R., 1355 Market St.

DALCO APPLIANCE CO., 685-7th St.

DANIEL CO., WALTER, 420 Market St.

DENHAM SALES SERVICE, 538 Polk St.

DETSCH & CO., 341 10th St.

DIETRICH, DICK, 1355 Market St.

DuFRANE COMPANY, FRANK L., 1063 Howard St.

ECKERT—Lloyd Corp., 1045 Bryant

EDWARDS COMPANY, FRANK, 382 6th St.

EICHORN CO., J. P., 426 Bryant St.

ELECTRICAL INDUSTRIES, 1135 Harrison

ELECTRIC MATERIAL CO., INC., 693 Mission

ELECTRICAL SPECIALTY CO., 316 Eleventh St.
(See advertisement, page 23)

ELLIOTT, DONALD T., 420 Market St.

ERLACH LEE COMPANY, 1355 Market St.

ERICKSON, J. D., 119 New Montgomery St.

ESTES COMPANY, CLAY, 1355 Market St.

EVERLY CO., PAUL S., 780 Natoma

FARWELL FLETCHER, 221 11th St.

FISHER CO., R. H., 288 7th St.

FISKE CO., INC., L. G., 778 Natoma St.

FLETCHER, J. C., 1415 Folsom St.

FOLLETTE, CLAUDE, 383 Brannon St.

FOWLER CO., M. L., 383 Brannan St.

FULCHER COMPANY, THE, 58 Sutter St.

GARLAND - AFFOLTER ENG. CORP., 58 Sutter St.

GARNETT YOUNG AND CO., 390 Fourth St.

GENERAL ELEC. SUPPLY CORP., 1201 Bryant St.

ROBERT R. PRUSSIA CO.
Manufacturers' Representatives
ALL-STEEL EQUIPT., INC., *"Raco" Boxes and Accessories*
ANCHOR MFG. CO., *Meter Sockets and Troughs*
APPLETON RUBBER CO., INC., *Electrical Tapes*
AUTH ELECTRIC CO., INC., *Signalling Systems and Devices*
ELECTRICAL FITTINGS CORP., *"Efcor" Conduit & Box Fittings*
FRANKEL CONNECTOR CO., *Electrical Connections*
METALECTRICS, INC., *Bakelite Wire Insulators*
STEPHENS MFG. CO., INC., M., *Plastic Wall Plates*
STONE MFG. CO., *"Stonco" Spot & Flood Lampholders and Lamps*
224 Harriet St. - San Francisco 3, Calif. - HEmlock 1-7804

WALTER E. WALLACE CO.
3546 Lincoln Ave., Oakland 2, Calif. (phone) KEllog 2-8388
Manufacturers' Representative
BISHOP MFG. CORP.—Self-Bonding Electrical Insulating Tapes.
ELECTRIC CORDS & SUPPLY CO.—Cord Sets, Wire Assemblies, Harnesses.
ERICSON MFG. CO.—Lamp Guards (wire & insulated), Inspection Lights (barrel & boiler), Rubber Wiring Devices, Vapor-proof Portables.
PERFECT-LINE MFG. CORP.—Wire Devices, Outdoor Lighting Units, Ventilating Equipment.
PIERCE RENEWABLE FUSES, INC.—Renewable and Non-Renewable Plug and Cartridge Fuses.

GENERAL SALES CORP., 500 Minnesota St.

GOLBUS SALES COMPANY, 1355 Market St.

GRAINGER, W. W. 156 8th St.

GRATIOT & SONS, C. J., 1282 Folsom St.

GRAY, GEO A., 2720 17th St.
(See advertisement, page 85)

GRAYBAR ELECTRIC CO., INC., 190 9th St.

GROESCHEL, ALBERT, 1355 Market St.

GUTHRIE, F. G., 420 Market St.

HAMILTON COMPANY, C. G., 1355 Market St.

HAMMOND, M. E., Tilden Sales Bldg.

HAUCK CO., ERNEST F., 383 Brannan St.

HELD, HERMAN E., 120 Main St.

HERMANS, JAMES P., 1234 Folsom St.

HILLIS COMPANY, C. C., 1982 47th Ave.

HINES, RUSS, 234 9th St.

HITT CO., W. C., 1355 Market St.

HOBELMANN & CO., HERMAN, 744 Harrison St.

HODGES & GLOMB, 1264 Folsom St.

HOLZMUELLER, C. J., 1108-10 Howard St.

HONN COMPANY, GEORGE E., 1355 Market St.
(See advertisement, page 36)

HORN CO., WM. P., 1355 Market St.

HOWE-MAGSON, INC., 420 Market St.

HUGHSON & MERTON, 1270 Bush St.

INGALLS & SONS, C. E., 681 Market St.
(See advertisement, page 34)

JAMES CO., ALLAN P., 419 10th St.

JENISON MACHINERY CO., 20th and Tennessee

JONES, H. S., 237 Rialto Building

JOSLYN PACIFIC COMPANY, 180 Potrero.

KANE CO., 1355 Market St.

KEELER-WHITE, 615 7th St.

KEESE ENGINEERING CO., Leo Kaufman, 400 Front St.

KING-KNIGHT CO., 774 Folsom St.

KIRK-PALKA CO., 420 Market St.
(See advertisement, page 42)

KJAER EQUIPMENT CO., 1261 Howard St.

KLINGER CO., M. H., 440 Golden Gate Ave.

KOLB, FRED, 598 Monadnock Bldg.

LAVENSON AND SAVASTA, 1208 Howard St.

LICHTENSTEIN, CYRIL, 1355 Market St.

LILLY, ALFRED, 907 Post St.

LIPPINCOTT CO., 461 Market St.

LOGAN SALES, 530 Gough.

LYMAN, OLIVER B., 55 New Montgomery St.

LYNN & BROOKS, 2048 Market St.

MADDOX, JOHN, 420 Market St.

MAGNES COMPANY, 725 2nd St.

MANUFACTURERS MARKETING SERVICE, 2342 Franklin St.

MARINE ELEC. CO., 195 Fremont St.

MARSH CO., J. W. 1355 Market St.

MARSHALL, HARRY E., 104 Olive St.

MARWOOD, LTD., 357 Ninth St.
(See advertisement, page 43)

MARYON & WILLIAMS, 1355 Market St.

MAYDWELL & HARTZELL, INC., 158 11th St.
(See advertisement, page 5)

McCUNE-MERIFIELD CO., 51 Fremont.

McMILLEN-STANLEY CO., 778 Natoma St.

MEIER CO., CHARLES A., 1473 Harrison St.

MEYBERG CO., LEO J., 33 Gough St.

MEYERS SAFETY SWITCH, 423 Tehama St.
(See advertisement, page 63)

MONSON ELECTRIC CO., 1108-10 Howard St.

MONTGOMERY BROTHERS, 1122 Howard St.
(See advertisement, page 44)

MUNDSTOCK, JAMES 320 Market St.
(See advertisement, page 24)

MURPHY CO., A. B., 228 Ninth St.

NEELY ENTERPRISES, 2830 Geary Blvd.

NEWMAN, HAROLD, 420 Market St.

NICHOLAS COMPANY, F. M., 1123 Harrison St.
(See advertisement, page 11)

NICKERSON & RUDAT, 383 Brannan St.

NOTT, L. A., 1061 Howard.
(See advertisement, page 59)

O'BRIEN INDUSTRIAL EQUIP. CO., 1295 Folsom St.

OTTSMAN & SONS COMPANY, ED. 536 Sansome St.

PACIFIC ELECTRO SALES, 144 Townsend St.

PACIFIC SCIENTIFIC CO., 25 Stillman St.

PALMTAG CO., E. R., 1355 Market St.

PANAMA LAMP & COM'L CO., 815 Howard St.
(See advertisement, pages 42, 58)

PARDEE, S. C., Sharon Building.

PARKER, R. A., 250 7th St.

PEERLITE MFG. & SUPPLY CO., 178 Fifth St.

PERIN CO., IRA G., 575 Howard St.

PETERSON COMPANY, F. SOMERS, 524 Folsom St.

PIONEER APPLIANCE CO., 1355 Market St.

POLITEO, DOM, 547 Howard St.

POWER, KENT H., 26 Josepha Ave.

PRIETSCH, PAUL R., 1355 Market St.

PRINCE & COMPANY, M. P., 111 New Montgomery St.

PRUSSIA CO., ROBERT R., 224-226 Harriet St.
(See advertisement, page 84)

RALPHS-PUGH COMPANY, INC., 530 Howard St.

RADKE, Dan H., 754 Natoma St.

RICE CO., PAUL H., 1355 Market St.

ROSS CO., DAVID H., 1355 Market St.

ROUTH COMPANY, THE T. R., 742 Market St., Room 223
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ROWE, ARTHUR E., 660 Mission St.
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RUSSELL & COMPANY, 1355 Market St.
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RYALS, K. M., CO., 461 Market St.

SAFETY SWITCHBOARD CO., 1445 Stevenson St.
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SANFORD CO. OF SAN FRANCISCO, D. E., 12th and Howard Sts.

SCHLAPP, FRED W., 204 Davis St.

SCHLOSS MFG. CO., LTD., 540 Mission

SCHUMAN, G. R., 1355 Market St.

SINAI, ARNOLD A., 65 9th St.

SMALL & CO., THOMAS, 420 Market St.

SMEDLEY, A. B., 2701 21st St.

SOLOMAN, HARRY, 1355 Market
SOMERVILLE, G.N. 780 Natoma St.
SPECTOR CO., THE., 1355 Market St.
SQUIRES COMPANY, H. B., 156 8th St.
SQUIRES & MARSHALL, 780 Bryant
STONE, FRED J., 1355 Market St.
SUES, YOUNG & BROWN, INC., 1355 Market St.
SULLIVAN, RALPH W., 420 Market St.
TAUFENBACH CO., LES., 1355 Market St.
THOMAS AGENCY, NELSON R., 1355 Market St.
THOMAS & SMALL, 420 Market St.
TRI-STATE SUPPLY CORP., 554 Bryant St.
VAN GROOS, J. C., 210 Post St.
VERMILIZA, ROBERT H., 1355 Market St.
VOORHEES & COMPANY, W. R., 417 Market St.
WALLACE, THOMAS, 320 10th St.
WALTHAM, DeWITT & KRUSI, 630 Monadnock Bldg.
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WILT CO., O. B., 1355 Market
WOOD COMPANY, FRED C., 1355 Market St.

San Mateo

GOTT, D. J., 3412 Edison St.

Whittier

FULLER CO., WM. H., 1038 Palm Ave.

ARIZONA

Phoenix

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E. B. BOMAR, 622 No. 1st St.
COULSON, J. C., 449 West Jackson.
ELECTRICAL EQUIP CO. OF ARIZ., First Ave. at Madison
GRENDAHL & SON, O. J., 726½ E. Portland St.
INDUSTRIAL ELECTRIC PRODUCTS, INC., 212 S. 7th Ave.
REDMOND SUPPLY COMPANY, J. E., 628 W. Madison St.
SHEFLER COMPANY, H. GEORGE, 240 So. 1st Ave.
SIEGMUND, FRANK M., P. O. Box 162
SOUTHWESTERN COMPANY, Security Bldg.
STANDARD EQUIPMENT COMPANY, 135 No. First St.
THUNDERBIRD SALES CORP., Phoenix.

Tucson

CENTRAL STATION ENG. CO., 2323 Aviation Highway

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PEYSER & CO., 1501 No. Weber

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BLINN CO., THE JAMES H., 1140 Speer Blvd.
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CARPENTER CO., ALLEN B., 820 Twelfth St.
CLINE & CO., 812 12th St.
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CONNORS CO., W. H., 1590 Eudora
DAVIN, H. L., 4535 Batavia Pl.
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ELECTRIC MOTOR SUPPLY CO., 1646 Blake St.
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HENDRIE & BOLTHOFF CO., 1635 17th St.
HOLLOWAY CO., THE E. C., 333 Jersey St.
HYDE, RICHARD A., 3879 Tennyson St.
JOY & COX, INC., 1940 Blake
KAMPHAUSEN COMPANY, DAN, Continental Oil Building.
KAUB & COMPANY, HUBERT, 1025 Santa Fe Drive.
KOPKE SALES CO., W. L., 302 Boston Bldg.
KRIPPNER & POLLEY, No. 1 Downing.
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MOREY MERCANTILE CO., 1628 16th St.
MOUNTAIN STATES MACHY. CO., 1526 Blake St.
MUELLER, MARK G., 1644 Blake.
NELSON COMPANY, A. J., Box 2244
NOWELS, RICHARD W., 1918 Arapahoe St.
O'BRIEN SALES, A. J., P.O. Box 1681
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PARKER CO., 1520 Wazee St.
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SCHLOSS & SHUBART, 1626 Wazee.
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SLAYBAUGH-THOMPSON CO., 100 W. 13th Ave.
SLUMAN & COMPANY, D. H., 130 W. 12th Ave.
SOLEN CO., ALBERT M., 1225 E. 17th Ave.
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STAIBLE & SONS, FRED E., 2046 Arapahoe.
STEINKAMP & CO., D. A., 2400 Gaylord
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TARBOX CO., GEO. E., 439 Williams St.
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URQUHART, M. B., 16th St. at Blake.
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RUHLING COMPANY, T. C., 5020 Bradford Drive.
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GILLETTE & McLAREN, 407 Smith Tower.
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STARE, BURTON R., 802 33rd Ave.
STROUM, SAM, 2229-2nd Ave No.
SUNSET ELEC. CO., 300 Westlake No.
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TINLING & POWELL, E. 706 Sprague Ave.

Tacoma

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NORTHWEST SALES & ENG. SERVICE, 1003 Washington Bldg.

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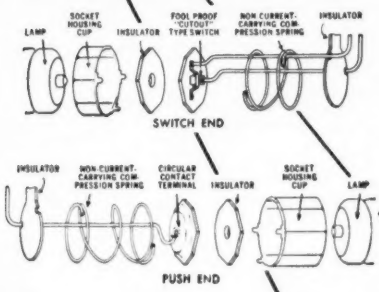
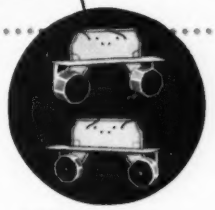
BENJAMIN "MAGNA-FLO" SYSTEMS

"SPRINGLOX" Construction Features





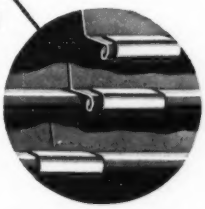
"SPRINGLOX" LAMPHOLDERS, exclusive with Benjamin, are of patented construction which greatly simplifies and speeds up lamp insertion and removal. All-metal construction; lamp-pin contacts will not twist or distort from repeated relamping; nothing to get out of order. Entire lampholder assembly is rigidly locked into place on the reflector so that it cannot be shaken out of line.

INDIVIDUAL Units

96" T-12

72" T-12

48" T-12



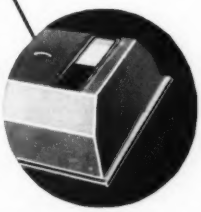
TWO-SECTION REFLECTORS are easy to handle. Sections overlap ¾" and are held rigidly in line by positive alignment clip.

CONTINUOUS Line Systems

96" T-12

72" T-12

48" T-12



"MAGNA-FLO" REFLECTORS are finished in Benjamin "Life-Time" Porcelain Enamel. This flint-hard, non-porous reflecting surface assures longer life with sustained high lighting efficiency, due to the fact that it is easily restored to efficiency by simple soap-and-water cleaning.

Most modern solution to DEFENSE PRODUCTION LIGHTING PROBLEMS

Modern, streamlined lighting of factories and shops may now be obtained with this new Benjamin Line, designed for use with the new, long-life, 96-inch, 72-inch and 48-inch Slimline Fluorescent Lamps, which have a greater light output than any other fluorescent lamp.

"Magna-Flo" Systems are available in either individual units or, where higher lighting levels are desired, in continuous-line type of construction. Closed or RLM open-end reflectors are available. Individual "Magna-Flo" units are listed as complete items, while the continuous line "Magna-Flo" Systems are built up from standard channel sections, couplings, end caps and closed or open-end porcelain-enameled steel reflectors.

The outstanding feature of "Magna-Flo" lighting equipment is the new, single-pin "Springlox" Lampholder—an exclusive Benjamin development.

"Springlox" Lampholders lower maintenance costs by cutting down on relamping time; by dependable operation and rugged construction and mounting.

"Springlox" Lampholders are designed for safety, too. Lamps of even minimum and maximum tolerance are locked into place; cannot vibrate loose.

The switch-end (see drawing above at left) of "Springlox" has a fast-acting, cutout switch for the primary circuit that protects against shock when inserting or removing lamps.

FOR FREE CATALOG BULLETIN AD-5705, WRITE:
BENJAMIN ELECTRIC MFG. CO.,
Dept. J, Des Plaines, Illinois

Benjamin Lighting Equipment is sold exclusively through Electrical Distributors.

RS34-LS

SORGEL AIR-COOLED TRANSFORMERS

Dry-Type

¼ Kv.-a.
Single Phase
460/230 to
115/230 volt

For Every Purpose

¼ to 1000 Kv-a. Single phase. 1 Kv-a. to 2000 Kv-a. 3-phase.

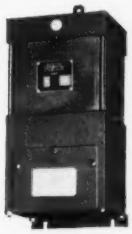
To operate 115 volt lighting and portable equipment from 230, 460 or 575 volt power circuits.

To operate special equipment from standard circuits.

To change odd voltages to standard voltages and phase changing.

For interior high voltage distribution systems with transformers at load centers, up to 15,000 volts.

Also—Series street lighting transformers.
Electronic and rectifier transformers.
Signal transformers.
Control transformers.
Pipe thawing transformers.
Soldering and brazing transformers.
Special custom-built transformers.

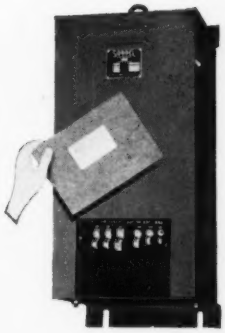


5 Kv.-a. Single Phase
480/240 to 240/120 Volt.
Wall Mounting Type.

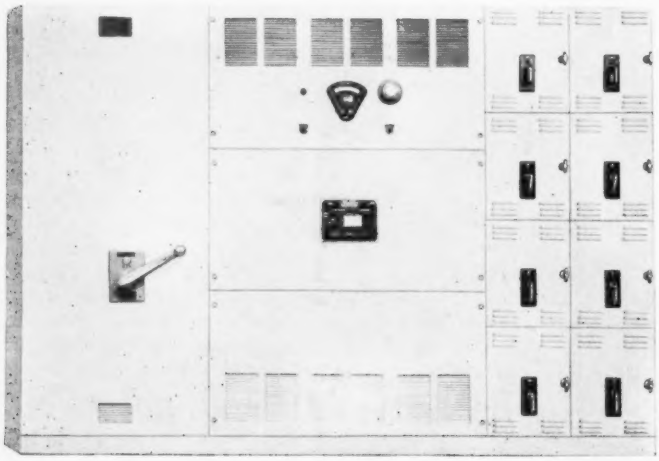
Unit Sub-Stations

For interior high voltage distribution systems with transformers at load centers.

Sizes up to 2000 Kv-a. and up to 15,000 volt.



15 Kv.-a. 3-phase
Wall mounting type.
Showing connection compartment with solderless terminals



2000 Kv-a. 12,000 volt sub-station, with primary fused load interrupter switch, temperature indicator and alarm, and extra contacts that may be used to operate forced draft fans to increase capacity

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Floyd H. Boyer
Box 1751, Denver, Colorado

SORGEL ELECTRIC CO., 844 W. National Ave., Milwaukee 4, Wis.